







## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

491 N Street S.W.  
Washington D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

Date March 3, 2009

EPA Reg No./File Symbol 62719-292

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Applicant's/Registrant's Name &amp; Address

**Dow AgroSciences LLC**  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success

Ingredient Spinosad

®Trademark of 62719

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>Generic</b>					
Series 61	Product Identity and Composition	43450304	62719	own	
830.1550	Product Identity and Composition	44521801	62719	own	
830.1620	Description of Production Process	44521801	62719	own	
830.1670	Discussion of Formation of Impurities	44521801	62719	own	
830.1750	Certified Limits	44521801	62719	own	
830.1800	Enforcement Analytical Method	44521801	62719	own	
Series 62	Product Analysis and Certification	43450305	62719	own	
Series 63	Physical and Chemical Characteristics	43450306	62719	own	
830.6317	Storage Stability	45310601	62719	own	
830.6320	Corrosion Characteristics	45310601	62719	own	
71-1	Avian Oral LD <sub>50</sub>	43414528	62719	own	
71-1	Avian Oral LD <sub>50</sub>	43414529	62719	own	
71-1	Avian Oral LD <sub>50</sub>	43571201	62719	own	
71-2	Avian Dietary LC <sub>50</sub>	43414530	62719	own	
71-2	Avian Dietary LC <sub>50</sub>	43414531	62719	own	
71-4(a)	Avian Reproductive Toxicity in Bobwhite Quail	43414533	62719	own	
71-4(b)	Avian Reproductive Toxicity in Mallard Duck	43414532	62719	own	
72-1	Freshwater Fish LC <sub>50</sub>	43444103	62719	own	
72-1	Freshwater Fish LC <sub>50</sub>	43414534	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
72-1	Freshwater Fish LC <sub>50</sub>	43770703	62719	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43414537	62719	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43571202	62719	own	
72-2(c)	Invertebrate Toxicity Freshwater LC <sub>50</sub>	44597731	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414539	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43444104	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414540	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43571203	62719	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43414541	62719	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43848801	62719	own	
72-4(a)	Early Life Stage in Fish	44420601	62719	own	
72-4(b)	Life Cycle in Aquatic Invertebrates	44420602	62719	own	
72-6	Aquatic Organism Accumulation	44597734	62719	own	
81-1	Acute Oral Toxicity	43414515	62719	own	
81-1	Acute Oral Toxicity	43770701	62719	own	
81-1	Acute Oral Toxicity	45735601	62719	own	
81-2	Acute Dermal Toxicity	43414516	62719	own	
81-2	Acute Dermal Toxicity	44596203	62719	own	
81-3	Acute Inhalation Toxicity	43414517	62719	own	
81-4	Primary Eye Irritation	43414518	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-5	Primary Dermal Irritation	43414519	62719	own	
81-6	Dermal Sensitization	43414520	62719	own	
81-8	Acute Delayed Neurotoxicity in the Rat	43557501	62719	own	
82-1	90-Day Feeding	43444102	62719	own	
82-1	90-Day Feeding	43566601	62719	own	
82-1	90-Day Feeding	43566602	62719	own	
82-1	90-Day Feeding	43557502	62719	own	
82-2	21-Day Dermal	43557503	62719	own	
82-2	21-Day Dermal	43701502	62719	own	
82-7	13-Week Dietary/Neurotoxicity in Rats	43557504	62719	own	
83-1	Chronic Feeding	43701503	62719	own	
83-1	Chronic Feeding	43701504	62719	own	
83-2	Oncogenicity	43701505	62719	own	
83-2	Oncogenicity	44123601	62719	own	
83-3(a)	Teratogenicity in the Rat	43557505	62719	own	
83-3(b)	Teratogenicity in the Rabbit	43414521	62719	own	
83-4	2-Generation Reproduction Study in the Rat	43701506	62719	own	
83-5	Chronic Feeding/	43701507	62719	own	
84-2	Gene Mutation	43414522	62719	own	
84-2	Gene Mutation	43414523	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
84-4	Other Genotoxic Effects	43414524	62719	own	
84-4	Other Genotoxic Effects	43414525	62719	own	
84-4	Other Genotoxic Effects	43414526	62719	own	
85-1	General Metabolism	43701508	62719	own	
85-1	General Metabolism	43701509	62719	own	
85-1	General Metabolism	43701510	62719	own	
122-1	Tier I Seed Germination/	43848802	62719	own	
122-1	Tier I Seed Germination/	44597732	62719	own	
122-2	Tier I Aquatic Plant Growth	43414542	62719	own	
123-2	Tier II Aquatic Plant Growth	43414546	62719	own	
123-2	Tier II Aquatic Plant Growth	43414544	62719	own	
123-2	Tier II Aquatic Plant Growth	43414545	62719	own	
123-2	Tier II Aquatic Plant Growth	43414543	62719	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	43414547	62719	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	45340801	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	44420603	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	45007701	62719	own	
850.3040 (141-5)	Field Testing for Pollinators	45007702	62719	own	
141-5	Field Testing for Pollinators	45007703	62719	own	
141-5	Field Testing for Pollinators	45007704	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
143-1	Non-Target Insect Testing	43444105	62719	own	
143-2	Non-Target Insect Testing	43444105	62719	own	
161-1	Hydrolysis	43507301	62719	own	
161-2	Photodegradation in Water	43507302	62719	own	
161-3	Photodegradation on Soil	43507303	62719	own	
161-3	Photodegradation on Soil	44597733	62719	own	
162-1	Aerobic Soil Metabolism	43507304	62719	own	
162-3	Anaerobic Aquatic Metabolism	43507305	62719	own	
162-1	Aerobic Soil Metabolism	44420604	62719	own	
162-3	Anaerobic Aquatic Metabolism	44420604	62719	own	
162-1	Aerobic Soil Metabolism	43816601	62719	own	
162-3	Anaerobic Aquatic Metabolism	43816601	62719	own	
163-1	Leaching and Adsorption/Desorption	43816601	62719	own	
163-1	Leaching and Adsorption/	43507306	62719	own	
163-1	Leaching and Adsorption/Desorption	43816602	62719	own	
164-1	Soil Field Dissipation	43714301	62719	own	
164-1	Soil Field Dissipation	44045101	62719	own	
164-1	Soil Field Dissipation	44045102	62719	own	
164-1	Soil Field Dissipation	44045103	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045103	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045105	62719	own	
165-4	Accumulation in Fish	43557601	62719	own	
165-4	Accumulation in Fish	44597734	62719	own	
165-1	Confined Rotational Crop	43727402	62719	own	
171-4(a)	Nature of Residue in Plants	43727403	62719	own	
171-4(a)	Nature of Residue in Plants	43727404	62719	own	
171-4(a)	Nature of Residue in Plants	44058811	62719	own	
171-4(a)	Nature of Residue in Plants	44058812	62719	own	
171-4(a)	Nature of Residue in Plants	44058813	62719	own	
171-4(a)	Nature of Residue in Plants	44058814	62719	own	
171-4(a)	Nature of Residue in Plants	44058815	62719	own	
171-4(b)	Nature of Residue in Livestock	43727405	62719	own	
171-4(b)	Nature of Residue in Livestock	43727406	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727407	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058816	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058818	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058817	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058819	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44159306	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44159305	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44214902	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323502	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323503	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323504	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323505	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323506	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323507	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323508	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44444402	62719	own	
860.1340	Residue Analytical Methods - Plants	44597709	62719	own	
860.1340	Residue Analytical Methods - Plants	44597710	62719	own	
860.1340	Residue Analytical Methods - Plants	44597708	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727408	62719	own	
171-4(d)	Residue Analytical Method (Animals)	43727408	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44045106	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44045106	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44058820	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44058821	62719	own	





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Applicant's/Registrant's Name & Address <b>Dow AgroSciences LLC</b> <b>9330 Zionsville Road</b> <b>Indianapolis, IN 46268-1054</b>	Product <b>Success</b>	
Ingredient Spinosad		@Trademark of 62719

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(d)	Residue Analytical Methods (Animals)	44058822	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44058823	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44597713	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44597714	62719	own	
860.1340	Residue Analytical Methods - Animals	44693601	62719	own	
171-4(e)	Storage Stability	44058824	62719	own	
171-4(e)	Storage Stability	44058825	62719	own	
171-4(e)	Storage Stability	44159307	62719	own	
171-4(e)	Storage Stability	44323509	62719	own	
171-4(e)	Storage Stability	44323510	62719	own	
860.1380	Storage Stability	44597711	62719	own	
860.1380	Storage Stability	44597712	62719	own	
171-4(j)	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44058826	62719	own	
860	Magnitude of the Residue on Peach		62719	own	Submit today
860	Magnitude of Residue in pineapples	46998204	62719	own	
860.1480	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44597715	62719	own	
171-4(k)	Crop Field Trials	43727410	62719	own	
171-4(k)	Crop Field Trials	44058827	62719	own	
171-4(k)	Crop Field Trials	44058828	62719	own	
171-4(k)	Crop Field Trials	44159308	62719	own	





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Ingredient Spinosad	®Trademark of 62719				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	44159309	62719	own	
171-4(k)	Crop Field Trials	44214903	62719	own	
171-4(k)	Crop Field Trials	44323511	62719	own	
171-4(k)	Crop Field Trials	44323512	62719	own	
171-4(k)	Crop Field Trials	44323513	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44323513	62719	own	
860.1500	Crop Field Trials	44444403	62719	own	
860.1500	Crop Field Trials	44597717	62719	own	
860.1500	Crop Field Trials	44597716	62719	own	
860.1500	Crop Field Trials	44597719	62719	own	
860.1500	Crop Field Trials	44597718	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	43727411	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44058829	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44159310	62719	own	
171-4	Residue of Analytical Method	43727409	62719	own	
171-4	Residue of Analytical Method	44058810	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	44444404	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	44444404	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
860.1550	Proposed Tolerance	Admin	62719	own	
860.1550	Proposed Tolerance	46452501	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	44444404	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	





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Ingredient Spinosad	®Trademark of 62719				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-7	Reasonable Grounds in Support of Petition	44058830	62719	own	
Series 875	Occupational and Residential Exposure Test	44828401	62719	own	
N/A	Characterization of Pyrolysis Products of Spinosad by Gas Chromatography/Mass Spectrometry	44214901	62719	own	
N/A	Thermogravimetric Analysis of Spinosad and Evolved Gas Analysis by Gas Chromatography/Mass Spectrometry	44214904	62719	own	
N/A	Data Waiver Request for Environmental Fate, Residue and Additional Toxicology Studies Used to Support New Registrations Involving Use of <i>S. spinosa</i> Fermentation Based Products	Admin	62719	own	
N/A	A Review of the Toxicity of Spinosad (XDE-105) to Fish and Wildlife	43478105	62719	own	
N/A	Ecological Risk Assessment for Spinosad Use on Cotton	43477901	62719	own	
N/A	Aquatic Microcosm Dissipation of Spinosad (XDE-105)	43848803	62719	own	
N/A	Assessment of Ecological Risk for Spinosad Use on Cotton Part II (MRID #43848801 and MRID #43477901)	43918401	62719	own	





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Ingredient Spinosad	@Trademark of 62719				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Spinosad (XDE-105): Review of Mammalian Toxicology	43478106	62719	own	
N/A	XDE-105: Comparison of the Metabolism and Tissue Distribution of <sup>14</sup> C-Labeled XDE-105 (Factor A) and <sup>14</sup> C-Labeled XDE-105 (Factor D) in Fischer 344 Rats	43701511	62719	own	
N/A	Spinosad (XDE-105): Review of Mammalian Toxicology	43701501	62719	own	
N/A	XDE-105: Oral Gavage Teratology Probe Study in Sprague-Dawley Rats	43770702	62719	own	
N/A	Public Interest Document for Products Containing Spinosad	43478103	62719	own	
N/A	Additional Efficacy to Public Interest Document for Products Containing Spinosad	43985201	62719	own	
N/A	Acute Toxicity of XDE-105 Insecticide to the Earthworm, <i>Eisenia foetida</i>	43414548	62719	own	
N/A	Summary of the Environmental Fate of Spinosad	43478104	62719	own	
N/A	A Summary of the Environmental Fate of Spinosad	43816603	62719	own	
N/A	Aqueous Photolysis of Spinosyn A and D in Natural Water	44597735	62719	own	
N/A	Calculation of Henry's Law Constant for Spinosad	44597736	62719	own	





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**Dow AgroSciences LLC**  
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Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Photostability of [ <sup>14</sup> C] XDE-105 on Cabbage Leaves and Glass Surfaces	44597737	62719	own	
N/A	Interpretive Summary of XDE-105 Residue	43727401	62719	own	
N/A	Interpretive Summary of Spinosad Residue Chemistry for Apple, Brassica and the Ruminant	44058831	62719	own	
N/A	Waiver Request for Pyrolysis Study of Tobacco Treated with Spinosad	Admin	62719	own	
N/A	Supplemental Information for Establishment of Spinosad Residue Tolerances on Cotton Gin Byproducts under the Requirements of the Food Quality Protection Act of 1996	44444401	62719	own	
N/A	Supplemental Information for Establishment of Spinosad Residue Tolerances on Stone Fruit, Cucurbits, Corn (Field, Sweet, and Pop), Legume Vegetables (Succulent Including Soybeans), Sorghum, and Wheat under the Requirements of the FOPA of 1996	44597701	62719	own	
N/A	Comparision of Immunochemical and HPLC Analytical Methods for Determination of Spinosad Residues in Crops	44597703	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	A Guide to Residue Methodologies for the Determination of Spinosad in Crops, Crop Processed Products, Animal Tissues, and Environmental Samples	44597704	62719	own	
N/A	A Summary of the Experimental Use Permit Program for NAF-85 EPA File Symbol Number: 62719-EUP-34	44189401	62719	own	
N/A	Supplemental Information for Establishment of Spinosad Residue Tolerances on Almonds, Citrus, and Leafy Vegetables under the Requirements of the Food Quality Protection Act of 1996	44323501	62719	own	
N/A	A Summary of the Experimental Use Permit Program for Tracer (NAF-85) Conducted in Cotton During 1996, EPA File Symbol No.: 62719-EUP-32. Conducted from June 5, 1996 to June 1, 1997	44347001	62719	own	
N/A	Reduced Risk Rationale for Spinosad Products in the Control of Insects on Various Crops Including: Cucurbits, Stone Fruits, Legume Vegetables (Succulent, Including Soybeans), Corn (Field, Sweet, and Pop), Sorghum, and Wheat	44597702	62719	own	





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Ingredient Spinosad	@Trademark of 62719				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	Evaluation of Spinosad for the Control of Red Imported Fire Ant ( <i>Solenopsis invicta</i> )	44596201	62719	own	
N/A	DE-105 - The Chronic Toxicity to Midge ( <i>Chironomus riparius</i> ) Under Static Conditions	44828402	62719	own	
N/A	Spinosad: 4-Week Dietary Toxicity and Recovery Study in Fischer 344 Rats	44828403	62719	own	
N/A	Determination of No Significant Effects for the GF-120 Formulation of Spinosad	45267802	62719	own	
N/A	Comparative Efficacy of NAF-85 and Other Spinosad Formulations in Contact Exposure Bioassays Against Eastern Subterranean Termites	45270401	62719	own	
N/A	Evaluation of XDE-105 as a Potential Termiticide Barrier for Control of Subterranean Termites	45270402	62719	own	
N/A	Refined Dietary Risk Assessment for Spinosad	45535601	62719	own	
N/A	Effectiveness of Success 0.02 CB for the Control of Fruit Flies and its Effect on Bees <i>Apis mellifera</i> L.	45708201	62719	own	
N/A	Response to EFED Review of Bee Study	45708801	62719	own	
N/A	Control of Red Harvester Ants with Conserve Fire Ant Bait	46475801	62719	own	





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Ingredient Spinosad ®Trademark of 62719

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	44159301	62719	own	
Series 62	Product Analysis and Certification	44159302	62719	own	
Series 63	Physical and Chemical Characteristics	44159303	62719	own	
830.6317	Storage Stability	44597706	62719	own	
830.6317	Storage Stability	44972901	62719	own	
830.6320	Corrosion Characteristics	44597706	62719	own	
830.6320	Corrosion Characteristics	44972901	62719	own	
81-1	Acute Oral Toxicity	44597726	62719	own	
81-2	Acute Dermal Toxicity	44597727	62719	own	
81-3	Acute Inhalation Toxicity	43414511	62719	own	
81-4	Primary Eye Irritation	44597728	62719	own	
81-5	Primary Dermal Irritation	44597729	62719	own	
81-6	Dermal Sensitization	44597730	62719	own	

	Name and Title:  Kenneth D. Racke, Regulatory Manager	Date:  11-12-08
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>Generic</b>					
Series 61	Product Identity and Composition	43450304	62719	own	
830.1550	Product Identity and Composition	44521801	62719	own	
830.1620	Description of Production Process	44521801	62719	own	
830.1670	Discussion of Formation of Impurities	44521801	62719	own	
830.1750	Certified Limits	44521801	62719	own	
830.1800	Enforcement Analytical Method	44521801	62719	own	
Series 62	Product Analysis and Certification	43450305	62719	own	
Series 63	Physical and Chemical Characteristics	43450306	62719	own	
830.6317	Storage Stability	45310601	62719	own	
830.6320	Corrosion Characteristics	45310601	62719	own	
71-1	Avian Oral LD <sub>50</sub>	43414528	62719	own	
71-1	Avian Oral LD <sub>50</sub>	43414529	62719	own	
71-1	Avian Oral LD <sub>50</sub>	43571201	62719	own	
71-2	Avian Dietary LC <sub>50</sub>	43414530	62719	own	
71-2	Avian Dietary LC <sub>50</sub>	43414531	62719	own	
71-4(a)	Avian Reproductive Toxicity in Bobwhite Quail	43414533	62719	own	
71-4(b)	Avian Reproductive Toxicity in Mallard Duck	43414532	62719	own	
72-1	Freshwater Fish LC <sub>50</sub>	43444103	62719	own	
72-1	Freshwater Fish LC <sub>50</sub>	43414534	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
72-1	Freshwater Fish LC <sub>50</sub>	43770703	62719	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43414537	62719	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43571202	62719	own	
72-2(c)	Invertebrate Toxicity Freshwater LC <sub>50</sub>	44597731	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414539	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43444104	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414540	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43571203	62719	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43414541	62719	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43848801	62719	own	
72-4(a)	Early Life Stage in Fish	44420601	62719	own	
72-4(b)	Life Cycle in Aquatic Invertebrates	44420602	62719	own	
72-6	Aquatic Organism Accumulation	44597734	62719	own	
81-1	Acute Oral Toxicity	43414515	62719	own	
81-1	Acute Oral Toxicity	43770701	62719	own	
81-1	Acute Oral Toxicity	45735601	62719	own	
81-2	Acute Dermal Toxicity	43414516	62719	own	
81-2	Acute Dermal Toxicity	44596203	62719	own	
81-3	Acute Inhalation Toxicity	43414517	62719	own	
81-4	Primary Eye Irritation	43414518	62719	own	





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Ingredient Spinosad		@Trademark of 62719			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-5	Primary Dermal Irritation	43414519	62719	own	
81-6	Dermal Sensitization	43414520	62719	own	
81-8	Acute Delayed Neurotoxicity in the Rat	43557501	62719	own	
82-1	90-Day Feeding	43444102	62719	own	
82-1	90-Day Feeding	43566601	62719	own	
82-1	90-Day Feeding	43566602	62719	own	
82-1	90-Day Feeding	43557502	62719	own	
82-2	21-Day Dermal	43557503	62719	own	
82-2	21-Day Dermal	43701502	62719	own	
82-7	13-Week Dietary/Neurotoxicity in Rats	43557504	62719	own	
83-1	Chronic Feeding	43701503	62719	own	
83-1	Chronic Feeding	43701504	62719	own	
83-2	Oncogenicity	43701505	62719	own	
83-2	Oncogenicity	44123601	62719	own	
83-3(a)	Teratogenicity in the Rat	43557505	62719	own	
83-3(b)	Teratogenicity in the Rabbit	43414521	62719	own	
83-4	2-Generation Reproduction Study in the Rat	43701506	62719	own	
83-5	Chronic Feeding/	43701507	62719	own	
84-2	Gene Mutation	43414522	62719	own	
84-2	Gene Mutation	43414523	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
84-4	Other Genotoxic Effects	43414524	62719	own	
84-4	Other Genotoxic Effects	43414525	62719	own	
84-4	Other Genotoxic Effects	43414526	62719	own	
85-1	General Metabolism	43701508	62719	own	
85-1	General Metabolism	43701509	62719	own	
85-1	General Metabolism	43701510	62719	own	
122-1	Tier I Seed Germination/	43848802	62719	own	
122-1	Tier I Seed Germination/	44597732	62719	own	
122-2	Tier I Aquatic Plant Growth	43414542	62719	own	
123-2	Tier II Aquatic Plant Growth	43414546	62719	own	
123-2	Tier II Aquatic Plant Growth	43414544	62719	own	
123-2	Tier II Aquatic Plant Growth	43414545	62719	own	
123-2	Tier II Aquatic Plant Growth	43414543	62719	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	43414547	62719	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	45340801	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	44420603	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	45007701	62719	own	
850.3040 (141-5)	Field Testing for Pollinators	45007702	62719	own	
141-5	Field Testing for Pollinators	45007703	62719	own	
141-5	Field Testing for Pollinators	45007704	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
143-1	Non-Target Insect Testing	43444105	62719	own	
143-2	Non-Target Insect Testing	43444105	62719	own	
161-1	Hydrolysis	43507301	62719	own	
161-2	Photodegradation in Water	43507302	62719	own	
161-3	Photodegradation on Soil	43507303	62719	own	
161-3	Photodegradation on Soil	44597733	62719	own	
162-1	Aerobic Soil Metabolism	43507304	62719	own	
162-3	Anaerobic Aquatic Metabolism	43507305	62719	own	
162-1	Aerobic Soil Metabolism	44420604	62719	own	
162-3	Anaerobic Aquatic Metabolism	44420604	62719	own	
162-1	Aerobic Soil Metabolism	43816601	62719	own	
162-3	Anaerobic Aquatic Metabolism	43816601	62719	own	
163-1	Leaching and Adsorption/Desorption	43816601	62719	own	
163-1	Leaching and Adsorption/	43507306	62719	own	
163-1	Leaching and Adsorption/Desorption	43816602	62719	own	
164-1	Soil Field Dissipation	43714301	62719	own	
164-1	Soil Field Dissipation	44045101	62719	own	
164-1	Soil Field Dissipation	44045102	62719	own	
164-1	Soil Field Dissipation	44045103	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045103	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045105	62719	own	
165-4	Accumulation in Fish	43557601	62719	own	
165-4	Accumulation in Fish	44597734	62719	own	
165-1	Confined Rotational Crop	43727402	62719	own	
171-4(a)	Nature of Residue in Plants	43727403	62719	own	
171-4(a)	Nature of Residue in Plants	43727404	62719	own	
171-4(a)	Nature of Residue in Plants	44058811	62719	own	
171-4(a)	Nature of Residue in Plants	44058812	62719	own	
171-4(a)	Nature of Residue in Plants	44058813	62719	own	
171-4(a)	Nature of Residue in Plants	44058814	62719	own	
171-4(a)	Nature of Residue in Plants	44058815	62719	own	
171-4(b)	Nature of Residue in Livestock	43727405	62719	own	
171-4(b)	Nature of Residue in Livestock	43727406	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727407	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058816	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058818	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058817	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058819	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44159306	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44159305	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44214902	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323502	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323503	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323504	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323505	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323506	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323507	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323508	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44444402	62719	own	
860.1340	Residue Analytical Methods - Plants	44597709	62719	own	
860.1340	Residue Analytical Methods - Plants	44597710	62719	own	
860.1340	Residue Analytical Methods - Plants	44597708	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727408	62719	own	
171-4(d)	Residue Analytical Method (Animals)	43727408	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44045106	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44045106	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44058820	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44058821	62719	own	





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Ingredient Spinosad		®Trademark of 62719			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(d)	Residue Analytical Methods (Animals)	44058822	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44058823	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44597713	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44597714	62719	own	
860.1340	Residue Analytical Methods - Animals	44693601	62719	own	
171-4(e)	Storage Stability	44058824	62719	own	
171-4(e)	Storage Stability	44058825	62719	own	
171-4(e)	Storage Stability	44159307	62719	own	
171-4(e)	Storage Stability	44323509	62719	own	
171-4(e)	Storage Stability	44323510	62719	own	
860.1380	Storage Stability	44597711	62719	own	
860.1380	Storage Stability	44597712	62719	own	
171-4(j)	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44058826	62719	own	
860	Magnitude of Residue in pineapples	46998204	62719	own	
860.1480	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44597715	62719	own	
171-4(k)	Crop Field Trials	43727410	62719	own	
171-4(k)	Crop Field Trials	44058827	62719	own	
171-4(k)	Crop Field Trials	44058828	62719	own	
171-4(k)	Crop Field Trials	44159308	62719	own	
171-4(k)	Crop Field Trials	44159309	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	44214903	62719	own	
171-4(k)	Crop Field Trials	44323511	62719	own	
171-4(k)	Crop Field Trials	44323512	62719	own	
171-4(k)	Crop Field Trials	44323513	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44323513	62719	own	
860.1500	Crop Field Trials	44444403	62719	own	
860.1500	Crop Field Trials	44597717	62719	own	
860.1500	Crop Field Trials	44597716	62719	own	
860.1500	Crop Field Trials	44597719	62719	own	
860.1500	Crop Field Trials	44597718	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	43727411	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44058829	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44159310	62719	own	
171-4	Residue of Analytical Method	43727409	62719	own	
171-4	Residue of Analytical Method	44058810	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-5	Reduction of Residue	44444404	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	44444404	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
860.1550	Proposed Tolerance	Admin	62719	own	
860.1550	Proposed Tolerance	46452501	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	44444404	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	44058830	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 875	Occupational and Residential Exposure Test	44828401	62719	own	
N/A	N/A	44214901	62719	own	
N/A	N/A	44214904	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	43478105	62719	own	
N/A	N/A	43477901	62719	own	
N/A	N/A	43848803	62719	own	
N/A	N/A	43918401	62719	own	
N/A	N/A	43478106	62719	own	
N/A	N/A	43701511	62719	own	
N/A	N/A	43701501	62719	own	
N/A	N/A	43770702	62719	own	
N/A	N/A	43478103	62719	own	
N/A	N/A	43985201	62719	own	
N/A	N/A	43414548	62719	own	
N/A	N/A	43478104	62719	own	
N/A	N/A	43816603	62719	own	
N/A	N/A	44597735	62719	own	
N/A	N/A	44597736	62719	own	
N/A	N/A	44597737	62719	own	





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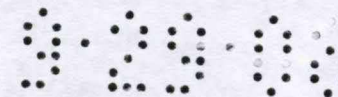
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	43727401	62719	own	
N/A	N/A	44058831	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	44444401	62719	own	
N/A	N/A	44597701	62719	own	
N/A	N/A	44597703	62719	own	
N/A	N/A	44597704	62719	own	
N/A	N/A	44189401	62719	own	
N/A	N/A	44323501	62719	own	
N/A	N/A	44347001	62719	own	
N/A	N/A	44597702	62719	own	
N/A	N/A	44596201	62719	own	
N/A	N/A	44828403	62719	own	
N/A	N/A	45267802	62719	own	
N/A	N/A	45270401	62719	own	
N/A	N/A	45270402	62719	own	
N/A	N/A	45535601	62719	own	
N/A	N/A	45708201	62719	own	
N/A	N/A	45708801	62719	own	
N/A	N/A	46475801	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	44159301	62719	own	
Series 62	Product Analysis and Certification	44159302	62719	own	
Series 63	Physical and Chemical Characteristics	44159303	62719	own	
830.6317	Storage Stability	44597706	62719	own	
830.6317	Storage Stability	44972901	62719	own	
830.6320	Corrosion Characteristics	44597706	62719	own	
830.6320	Corrosion Characteristics	44972901	62719	own	
81-1	Acute Oral Toxicity	44597726	62719	own	
81-2	Acute Dermal Toxicity	44597727	62719	own	
81-3	Acute Inhalation Toxicity	43414511	62719	own	
81-4	Primary Eye Irritation	44597728	62719	own	
81-5	Primary Dermal Irritation	44597729	62719	own	
81-6	Dermal Sensitization	44597730	62719	own	

Name and Title:

Kenneth D. Racke, Regulatory Manager

Date:

8-13-08





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Generic					
Series 61	Product Identity and Composition	43450304	62719	own	
830.1550	Product Identity and Composition	44521801	62719	own	
830.1620	Description of Production Process	44521801	62719	own	
830.1670	Discussion of Formation of Impurities	44521801	62719	own	
830.1750	Certified Limits	44521801	62719	own	
830.1800	Enforcement Analytical Method	44521801	62719	own	
Series 62	Product Analysis and Certification	43450305	62719	own	
Series 63	Physical and Chemical Characteristics	43450306	62719	own	
830.6317	Storage Stability	45310601	62719	own	
830.6320	Corrosion Characteristics	45310601	62719	own	
71-1	Avian Oral LD <sub>50</sub>	43414528	62719	own	
71-1	Avian Oral LD <sub>50</sub>	43414529	62719	own	
71-1	Avian Oral LD <sub>50</sub>	43571201	62719	own	
71-2	Avian Dietary LC <sub>50</sub>	43414530	62719	own	
71-2	Avian Dietary LC <sub>50</sub>	43414531	62719	own	
71-4(a)	Avian Reproductive Toxicity in Bobwhite Quail	43414533	62719	own	
71-4(b)	Avian Reproductive Toxicity in Mallard Duck	43414532	62719	own	
72-1	Freshwater Fish LC <sub>50</sub>	43444103	62719	own	
72-1	Freshwater Fish LC <sub>50</sub>	43414534	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
72-1	Freshwater Fish LC <sub>50</sub>	43770703	62719	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43414537	62719	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43571202	62719	own	
72-2(c)	Invertebrate Toxicity Freshwater LC <sub>50</sub>	44597731	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414539	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43444104	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414540	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43571203	62719	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43414541	62719	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43848801	62719	own	
72-4(a)	Early Life Stage in Fish	44420601	62719	own	
72-4(b)	Life Cycle in Aquatic Invertebrates	44420602	62719	own	
72-6	Aquatic Organism Accumulation	44597734	62719	own	
81-1	Acute Oral Toxicity	43414515	62719	own	
81-1	Acute Oral Toxicity	43770701	62719	own	
81-1	Acute Oral Toxicity	45735601	62719	own	
81-2	Acute Dermal Toxicity	43414516	62719	own	
81-2	Acute Dermal Toxicity	44596203	62719	own	
81-3	Acute Inhalation Toxicity	43414517	62719	own	
81-4	Primary Eye Irritation	43414518	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-5	Primary Dermal Irritation	43414519	62719	own	
81-6	Dermal Sensitization	43414520	62719	own	
81-8	Acute Delayed Neurotoxicity in the Rat	43557501	62719	own	
82-1	90-Day Feeding	43444102	62719	own	
82-1	90-Day Feeding	43566601	62719	own	
82-1	90-Day Feeding	43566602	62719	own	
82-1	90-Day Feeding	43557502	62719	own	
82-2	21-Day Dermal	43557503	62719	own	
82-2	21-Day Dermal	43701502	62719	own	
82-7	13-Week Dietary/Neurotoxicity in Rats	43557504	62719	own	
83-1	Chronic Feeding	43701503	62719	own	
83-1	Chronic Feeding	43701504	62719	own	
83-2	Oncogenicity	43701505	62719	own	
83-2	Oncogenicity	44123601	62719	own	
83-3(a)	Teratogenicity in the Rat	43557505	62719	own	
83-3(b)	Teratogenicity in the Rabbit	43414521	62719	own	
83-4	2-Generation Reproduction Study in the Rat	43701506	62719	own	
83-5	Chronic Feeding/	43701507	62719	own	
84-2	Gene Mutation	43414522	62719	own	
84-2	Gene Mutation	43414523	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
84-4	Other Genotoxic Effects	43414524	62719	own	
84-4	Other Genotoxic Effects	43414525	62719	own	
84-4	Other Genotoxic Effects	43414526	62719	own	
85-1	General Metabolism	43701508	62719	own	
85-1	General Metabolism	43701509	62719	own	
85-1	General Metabolism	43701510	62719	own	
122-1	Tier I Seed Germination/	43848802	62719	own	
122-1	Tier I Seed Germination/	44597732	62719	own	
122-2	Tier I Aquatic Plant Growth	43414542	62719	own	
123-2	Tier II Aquatic Plant Growth	43414546	62719	own	
123-2	Tier II Aquatic Plant Growth	43414544	62719	own	
123-2	Tier II Aquatic Plant Growth	43414545	62719	own	
123-2	Tier II Aquatic Plant Growth	43414543	62719	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	43414547	62719	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	45340801	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	44420603	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	45007701	62719	own	
850.3040 (141-5)	Field Testing for Pollinators	45007702	62719	own	
141-5	Field Testing for Pollinators	45007703	62719	own	
141-5	Field Testing for Pollinators	45007704	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
143-1	Non-Target Insect Testing	43444105	62719	own	
143-2	Non-Target Insect Testing	43444105	62719	own	
161-1	Hydrolysis	43507301	62719	own	
161-2	Photodegradation in Water	43507302	62719	own	
161-3	Photodegradation on Soil	43507303	62719	own	
161-3	Photodegradation on Soil	44597733	62719	own	
162-1	Aerobic Soil Metabolism	43507304	62719	own	
162-3	Anaerobic Aquatic Metabolism	43507305	62719	own	
162-1	Aerobic Soil Metabolism	44420604	62719	own	
162-3	Anaerobic Aquatic Metabolism	44420604	62719	own	
162-1	Aerobic Soil Metabolism	43816601	62719	own	
162-3	Anaerobic Aquatic Metabolism	43816601	62719	own	
163-1	Leaching and Adsorption/Desorption	43816601	62719	own	
163-1	Leaching and Adsorption/	43507306	62719	own	
163-1	Leaching and Adsorption/Desorption	43816602	62719	own	
164-1	Soil Field Dissipation	43714301	62719	own	
164-1	Soil Field Dissipation	44045101	62719	own	
164-1	Soil Field Dissipation	44045102	62719	own	
164-1	Soil Field Dissipation	44045103	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045103	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045105	62719	own	
165-4	Accumulation in Fish	43557601	62719	own	
165-4	Accumulation in Fish	44597734	62719	own	
165-1	Confined Rotational Crop	43727402	62719	own	
171-4(a)	Nature of Residue in Plants	43727403	62719	own	
171-4(a)	Nature of Residue in Plants	43727404	62719	own	
171-4(a)	Nature of Residue in Plants	44058811	62719	own	
171-4(a)	Nature of Residue in Plants	44058812	62719	own	
171-4(a)	Nature of Residue in Plants	44058813	62719	own	
171-4(a)	Nature of Residue in Plants	44058814	62719	own	
171-4(a)	Nature of Residue in Plants	44058815	62719	own	
171-4(b)	Nature of Residue in Livestock	43727405	62719	own	
171-4(b)	Nature of Residue in Livestock	43727406	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727407	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058816	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058818	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058817	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058819	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44159306	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44159305	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44214902	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323502	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323503	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323504	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323505	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323506	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323507	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323508	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44444402	62719	own	
860.1340	Residue Analytical Methods - Plants	44597709	62719	own	
860.1340	Residue Analytical Methods - Plants	44597710	62719	own	
860.1340	Residue Analytical Methods - Plants	44597708	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727408	62719	own	
171-4(d)	Residue Analytical Method (Animals)	43727408	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44045106	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44045106	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44058820	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44058821	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(d)	Residue Analytical Methods (Animals)	44058822	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44058823	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44597713	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44597714	62719	own	
860.1340	Residue Analytical Methods - Animals	44693601	62719	own	
171-4(e)	Storage Stability	44058824	62719	own	
171-4(e)	Storage Stability	44058825	62719	own	
171-4(e)	Storage Stability	44159307	62719	own	
171-4(e)	Storage Stability	44323509	62719	own	
171-4(e)	Storage Stability	44323510	62719	own	
860.1380	Storage Stability	44597711	62719	own	
860.1380	Storage Stability	44597712	62719	own	
171-4(j)	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44058826	62719	own	
860	Magnitude of Residue in pineapples	46998204	62719	own	
860.1480	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44597715	62719	own	
171-4(k)	Crop Field Trials	43727410	62719	own	
171-4(k)	Crop Field Trials	44058827	62719	own	
171-4(k)	Crop Field Trials	44058828	62719	own	
171-4(k)	Crop Field Trials	44159308	62719	own	
171-4(k)	Crop Field Trials	44159309	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	44214903	62719	own	
171-4(k)	Crop Field Trials	44323511	62719	own	
171-4(k)	Crop Field Trials	44323512	62719	own	
171-4(k)	Crop Field Trials	44323513	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44323513	62719	own	
860.1500	Crop Field Trials	44444403	62719	own	
860.1500	Crop Field Trials	44597717	62719	own	
860.1500	Crop Field Trials	44597716	62719	own	
860.1500	Crop Field Trials	44597719	62719	own	
860.1500	Crop Field Trials	44597718	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	43727411	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44058829	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44159310	62719	own	
171-4	Residue of Analytical Method	43727409	62719	own	
171-4	Residue of Analytical Method	44058810	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-5	Reduction of Residue	44444404	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	44444404	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
860.1550	Proposed Tolerance	Admin	62719	own	
860.1550	Proposed Tolerance	46452501	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	44444404	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	44058830	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 875	Occupational and Residential Exposure Test	44828401	62719	own	
N/A	N/A	44214901	62719	own	
N/A	N/A	44214904	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	43478105	62719	own	
N/A	N/A	43477901	62719	own	
N/A	N/A	43848803	62719	own	
N/A	N/A	43918401	62719	own	
N/A	N/A	43478106	62719	own	
N/A	N/A	43701511	62719	own	
N/A	N/A	43701501	62719	own	
N/A	N/A	43770702	62719	own	
N/A	N/A	43478103	62719	own	
N/A	N/A	43985201	62719	own	
N/A	N/A	43414548	62719	own	
N/A	N/A	43478104	62719	own	
N/A	N/A	43816603	62719	own	
N/A	N/A	44597735	62719	own	
N/A	N/A	44597736	62719	own	
N/A	N/A	44597737	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	43727401	62719	own	
N/A	N/A	44058831	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	44444401	62719	own	
N/A	N/A	44597701	62719	own	
N/A	N/A	44597703	62719	own	
N/A	N/A	44597704	62719	own	
N/A	N/A	44189401	62719	own	
N/A	N/A	44323501	62719	own	
N/A	N/A	44347001	62719	own	
N/A	N/A	44597702	62719	own	
N/A	N/A	44596201	62719	own	
N/A	N/A	44828403	62719	own	
N/A	N/A	45267802	62719	own	
N/A	N/A	45270401	62719	own	
N/A	N/A	45270402	62719	own	
N/A	N/A	45535601	62719	own	
N/A	N/A	45708201	62719	own	
N/A	N/A	45708801	62719	own	
N/A	N/A	46475801	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	44159301	62719	own	
Series 62	Product Analysis and Certification	44159302	62719	own	
Series 63	Physical and Chemical Characteristics	44159303	62719	own	
830.6317	Storage Stability	44597706	62719	own	
830.6317	Storage Stability	44972901	62719	own	
830.6320	Corrosion Characteristics	44597706	62719	own	
830.6320	Corrosion Characteristics	44972901	62719	own	
81-1	Acute Oral Toxicity	44597726	62719	own	
81-2	Acute Dermal Toxicity	44597727	62719	own	
81-3	Acute Inhalation Toxicity	43414511	62719	own	
81-4	Primary Eye Irritation	44597728	62719	own	
81-5	Primary Dermal Irritation	44597729	62719	own	
81-6	Dermal Sensitization	44597730	62719	own	

Signature:

Name and Title:

Kenneth D. Racke, Regulatory Manager

Date:

August 2, 2007





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	43450304	62719	own	
830.1550	Product Identity and Composition	44521801	62719	own	
830.1620	Description of Production Process	44521801	62719	own	
830.1670	Discussion of Formation of Impurities	44521801	62719	own	
830.1750	Certified Limits	44521801	62719	own	
830.1800	Enforcement Analytical Method	44521801	62719	own	
Series 62	Product Analysis and Certification	43450305	62719	own	
Series 63	Physical and Chemical Characteristics	43450306	62719	own	
830.6317	Storage Stability	45310601	62719	own	
830.6320	Corrosion Characteristics	45310601	62719	own	
71-1	Avian Oral LD <sub>50</sub>	43414528	62719	own	
71-1	Avian Oral LD <sub>50</sub>	43414529	62719	own	
71-1	Avian Oral LD <sub>50</sub>	43571201	62719	own	
71-2	Avian Dietary LC <sub>50</sub>	43414530	62719	own	
71-2	Avian Dietary LC <sub>50</sub>	43414531	62719	own	
71-4(a)	Avian Reproductive Toxicity in Bobwhite Quail	43414533	62719	own	
71-4(b)	Avian Reproductive Toxicity in Mallard Duck	43414532	62719	own	
72-1	Freshwater Fish LC <sub>50</sub>	43444103	62719	own	
72-1	Freshwater Fish LC <sub>50</sub>	43414534	62719	own	
72-1	Freshwater Fish LC <sub>50</sub>	43770703	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43414537	62719	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43571202	62719	own	
72-2(c)	Invertebrate Toxicity Freshwater LC <sub>50</sub>	44597731	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414539	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43444104	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414540	62719	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43571203	62719	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43414541	62719	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43848801	62719	own	
72-4(a)	Early Life Stage in Fish	44420601	62719	own	
72-4(b)	Life Cycle in Aquatic Invertebrates	44420602	62719	own	
72-6	Aquatic Organism Accumulation	44597734	62719	own	
81-1	Acute Oral Toxicity	43414515	62719	own	
81-1	Acute Oral Toxicity	43770701	62719	own	
81-1	Acute Oral Toxicity	45735601	62719	own	
81-2	Acute Dermal Toxicity	43414516	62719	own	
81-2	Acute Dermal Toxicity	44596203	62719	own	
81-3	Acute Inhalation Toxicity	43414517	62719	own	
81-4	Primary Eye Irritation	43414518	62719	own	
81-5	Primary Dermal Irritation	43414519	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-6	Dermal Sensitization	43414520	62719	own	
81-8	Acute Delayed Neurotoxicity in the Rat	43557501	62719	own	
82-1	90-Day Feeding	43444102	62719	own	
82-1	90-Day Feeding	43566601	62719	own	
82-1	90-Day Feeding	43566602	62719	own	
82-1	90-Day Feeding	43557502	62719	own	
82-2	21-Day Dermal	43557503	62719	own	
82-2	21-Day Dermal	43701502	62719	own	
82-7	13-Week Dietary/Neurotoxicity in Rats	43557504	62719	own	
83-1	Chronic Feeding	43701503	62719	own	
83-1	Chronic Feeding	43701504	62719	own	
83-2	Oncogenicity	43701505	62719	own	
83-2	Oncogenicity	44123601	62719	own	
83-3(a)	Teratogenicity in the Rat	43557505	62719	own	
83-3(b)	Teratogenicity in the Rabbit	43414521	62719	own	
83-4	2-Generation Reproduction Study in the Rat	43701506	62719	own	
83-5	Chronic Feeding/	43701507	62719	own	
84-2	Gene Mutation	43414522	62719	own	
84-2	Gene Mutation	43414523	62719	own	
84-4	Other Genotoxic Effects	43414524	62719	own	





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Applicant's/Registrant's Name & Address		Product			
Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054		Success <sup>®</sup>			
Ingredient Spinosad		®Trademark of 62719			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
84-4	Other Genotoxic Effects	43414525	62719	own	
84-4	Other Genotoxic Effects	43414526	62719	own	
85-1	General Metabolism	43701508	62719	own	
85-1	General Metabolism	43701509	62719	own	
85-1	General Metabolism	43701510	62719	own	
122-1	Tier I Seed Germination/	43848802	62719	own	
122-1	Tier I Seed Germination/	44597732	62719	own	
122-2	Tier I Aquatic Plant Growth	43414542	62719	own	
123-2	Tier II Aquatic Plant Growth	43414546	62719	own	
123-2	Tier II Aquatic Plant Growth	43414544	62719	own	
123-2	Tier II Aquatic Plant Growth	43414545	62719	own	
123-2	Tier II Aquatic Plant Growth	43414543	62719	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	43414547	62719	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	45340801	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	44420603	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	45007701	62719	own	
850.3040 (141-5)	Field Testing for Pollinators	45007702	62719	own	
141-5	Field Testing for Pollinators	45007703	62719	own	
141-5	Field Testing for Pollinators	45007704	62719	own	
143-1	Non-Target Insect Testing	43444105	62719	own	





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Ingredient Spinosad		®Trademark of 62719

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
143-2	Non-Target Insect Testing	43444105	62719	own	
161-1	Hydrolysis	43507301	62719	own	
161-2	Photodegradation in Water	43507302	62719	own	
161-3	Photodegradation on Soil	43507303	62719	own	
161-3	Photodegradation on Soil	44597733	62719	own	
162-1	Aerobic Soil Metabolism	43507304	62719	own	
162-3	Anaerobic Aquatic Metabolism	43507305	62719	own	
162-1	Aerobic Soil Metabolism	44420604	62719	own	
162-3	Anaerobic Aquatic Metabolism	44420604	62719	own	
162-1	Aerobic Soil Metabolism	43816601	62719	own	
162-3	Anaerobic Aquatic Metabolism	43816601	62719	own	
163-1	Leaching and Adsorption/Desorption	43816601	62719	own	
163-1	Leaching and Adsorption/	43507306	62719	own	
163-1	Leaching and Adsorption/Desorption	43816602	62719	own	
164-1	Soil Field Dissipation	43714301	62719	own	
164-1	Soil Field Dissipation	44045101	62719	own	
164-1	Soil Field Dissipation	44045102	62719	own	
164-1	Soil Field Dissipation	44045103	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045103	62719	own	
164-1	Soil Field Dissipation	44045104	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-2	Aquatic Sediment Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045105	62719	own	
165-4	Accumulation in Fish	43557601	62719	own	
165-4	Accumulation in Fish	44597734	62719	own	
165-1	Confined Rotational Crop	43727402	62719	own	
171-4(a)	Nature of Residue in Plants	43727403	62719	own	
171-4(a)	Nature of Residue in Plants	43727404	62719	own	
171-4(a)	Nature of Residue in Plants	44058811	62719	own	
171-4(a)	Nature of Residue in Plants	44058812	62719	own	
171-4(a)	Nature of Residue in Plants	44058813	62719	own	
171-4(a)	Nature of Residue in Plants	44058814	62719	own	
171-4(a)	Nature of Residue in Plants	44058815	62719	own	
171-4(b)	Nature of Residue in Livestock	43727405	62719	own	
171-4(b)	Nature of Residue in Livestock	43727406	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727407	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058816	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058818	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058817	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058819	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44159306	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44159305	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44214902	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323502	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323503	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323504	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323505	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323506	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323507	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323508	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44444402	62719	own	
860.1340	Residue Analytical Methods - Plants	44597709	62719	own	
860.1340	Residue Analytical Methods - Plants	44597710	62719	own	
860.1340	Residue Analytical Methods - Plants	44597708	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727408	62719	own	
171-4(d)	Residue Analytical Method (Animals)	43727408	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44045106	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44045106	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44058820	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44058821	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44058822	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(d)	Residue Analytical Methods (Animals)	44058823	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44597713	62719	own	
171-4(d)	Residue Analytical Methods (Animals)	44597714	62719	own	
860.1340	Residue Analytical Methods - Animals	44693601	62719	own	
171-4(e)	Storage Stability	44058824	62719	own	
171-4(e)	Storage Stability	44058825	62719	own	
171-4(e)	Storage Stability	44159307	62719	own	
171-4(e)	Storage Stability	44323509	62719	own	
171-4(e)	Storage Stability	44323510	62719	own	
860.1380	Storage Stability	44597711	62719	own	
860.1380	Storage Stability	44597712	62719	own	
171-4(j)	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44058826	62719	own	
860	Magnitude of Residue in pineapples	46998204	62719	own	
860.1480	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44597715	62719	own	
171-4(k)	Crop Field Trials	43727410	62719	own	
171-4(k)	Crop Field Trials	44058827	62719	own	
171-4(k)	Crop Field Trials	44058828	62719	own	
171-4(k)	Crop Field Trials	44159308	62719	own	
171-4(k)	Crop Field Trials	44159309	62719	own	
171-4(k)	Crop Field Trials	44214903	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	44323511	62719	own	
171-4(k)	Crop Field Trials	44323512	62719	own	
171-4(k)	Crop Field Trials	44323513	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44323513	62719	own	
860.1500	Crop Field Trials	44444403	62719	own	
860.1500	Crop Field Trials	44597717	62719	own	
860.1500	Crop Field Trials	44597716	62719	own	
860.1500	Crop Field Trials	44597719	62719	own	
860.1500	Crop Field Trials	44597718	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	43727411	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44058829	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44159310	62719	own	
171-4	Residue of Analytical Method	43727409	62719	own	
171-4	Residue of Analytical Method	44058810	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-5	Reduction of Residue	44444404	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-5	Reduction of Residue	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	44444404	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
860.1550	Proposed Tolerance	Admin	62719	own	
860.1550	Proposed Tolerance	46452501	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	44444404	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	44058830	62719	own	
Series 875	Occupational and Residential Exposure Test	44828401	62719	own	





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	44214901	62719	own	
N/A	N/A	44214904	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	43478105	62719	own	
N/A	N/A	43477901	62719	own	
N/A	N/A	43848803	62719	own	
N/A	N/A	43918401	62719	own	
N/A	N/A	43478106	62719	own	
N/A	N/A	43701511	62719	own	
N/A	N/A	43701501	62719	own	
N/A	N/A	43770702	62719	own	
N/A	N/A	43478103	62719	own	
N/A	N/A	43985201	62719	own	
N/A	N/A	43414548	62719	own	
N/A	N/A	43478104	62719	own	
N/A	N/A	43816603	62719	own	
N/A	N/A	44597735	62719	own	
N/A	N/A	44597736	62719	own	
N/A	N/A	44597737	62719	own	
N/A	N/A	43727401	62719	own	





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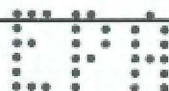
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	44058831	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	44444401	62719	own	
N/A	N/A	44597701	62719	own	
N/A	N/A	44597703	62719	own	
N/A	N/A	44597704	62719	own	
N/A	N/A	44189401	62719	own	
N/A	N/A	44323501	62719	own	
N/A	N/A	44347001	62719	own	
N/A	N/A	44597702	62719	own	
N/A	N/A	44596201	62719	own	
N/A	N/A	44828403	62719	own	
N/A	N/A	45267802	62719	own	
N/A	N/A	45270401	62719	own	
N/A	N/A	45270402	62719	own	
N/A	N/A	45535601	62719	own	
N/A	N/A	45708201	62719	own	
N/A	N/A	45708801	62719	own	
N/A	N/A	46475801	62719	own	





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Success\*

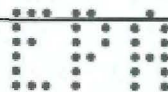
\*Trademark of Dow AgroSciences LLC

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Date	
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March 2, 2004





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Ingredient Spinosad		*Trademark of Dow AgroSciences LLC			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	44159301	Dow AgroSciences LLC	own	
Series 62	Product Analysis and Certification	44159302	Dow AgroSciences LLC	own	
Series 63	Physical and Chemical Characteristics	44159303	Dow AgroSciences LLC	own	
81-1	Acute Oral Toxicity	43414509	Dow AgroSciences LLC	own	
81-2	Acute Dermal Toxicity	43414510	Dow AgroSciences LLC	own	
81-2	Acute Dermal Toxicity	44159304	Dow AgroSciences LLC	own	
81-3	Acute Inhalation Toxicity	43414511	Dow AgroSciences LLC	own	
81-4	Primary Eye Irritation	43414512	Dow AgroSciences LLC	own	
81-5	Primary Dermal Irritation	43414513	Dow AgroSciences LLC	own	
81-6	Dermal Sensitization	43414514	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager		Date March 2, 2004





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Applicant's/Registrant's Name & Address  Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054	Product  Success*	

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

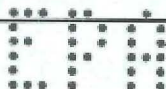
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	43450304	Dow AgroSciences LLC	own	
830.1550	Product Identity and Composition	44521801	Dow AgroSciences LLC	own	
830.1620	Description of Production Process	44521801	Dow AgroSciences LLC	own	
830.1670	Discussion of Formation of Impurities	44521801	Dow AgroSciences LLC	own	
830.1750	Certified Limits	44521801	Dow AgroSciences LLC	own	
830.1800	Enforcement Analytical Method	44521801	Dow AgroSciences LLC	own	
Series 62	Product Analysis and Certification	43450305	Dow AgroSciences LLC	own	
Series 63	Physical and Chemical Characteristics	43450306	Dow AgroSciences LLC	own	
830.6317	Storage Stability	45310601	Dow AgroSciences LLC	own	
830.6320	Corrosion Characteristics	45310601	Dow AgroSciences LLC	own	
71-1	Avian Oral LD <sub>50</sub>	43414528	Dow AgroSciences LLC	own	
71-1	Avian Oral LD <sub>50</sub>	43414529	Dow AgroSciences LLC	own	
71-1	Avian Oral LD <sub>50</sub>	43571201	Dow AgroSciences LLC	own	
71-2	Avian Dietary LC <sub>50</sub>	43414530	Dow AgroSciences LLC	own	
71-2	Avian Dietary LC <sub>50</sub>	43414531	Dow AgroSciences LLC	own	
71-4(a)	Avian Reproductive Toxicity in Bobwhite Quail	43414533	Dow AgroSciences LLC	own	

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Name and Title  
A. Sterett Robertson/Regulatory Manager

Date  
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Ingredient Spinosad		*Trademark of Dow AgroSciences LLC			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
71-4(b)	Avian Reproductive Toxicity in Mallard Duck	43414532	Dow AgroSciences LLC	own	
72-1	Freshwater Fish LC <sub>50</sub>	43444103	Dow AgroSciences LLC	own	
72-1	Freshwater Fish LC <sub>50</sub>	43414534	Dow AgroSciences LLC	own	
72-1	Freshwater Fish LC <sub>50</sub>	43770703	Dow AgroSciences LLC	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43414537	Dow AgroSciences LLC	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43571202	Dow AgroSciences LLC	own	
72-2(c)	Invertebrate Toxicity Freshwater LC <sub>50</sub>	44597731	Dow AgroSciences LLC	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414539	Dow AgroSciences LLC	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43444104	Dow AgroSciences LLC	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414540	Dow AgroSciences LLC	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43571203	Dow AgroSciences LLC	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43414541	Dow AgroSciences LLC	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43848801	Dow AgroSciences LLC	own	
72-4(a)	Early Life Stage in Fish	44420601	Dow AgroSciences LLC	own	
72-4(b)	Life Cycle in Aquatic Invertebrates	44420602	Dow AgroSciences LLC	own	
72-6	Aquatic Organism Accumulation	44597734	Dow AgroSciences LLC	own	
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Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Toxicity	43414515	Dow AgroSciences LLC	own	
81-1	Acute Oral Toxicity	43770701	Dow AgroSciences LLC	own	
81-1	Acute Oral Toxicity	45735601	Dow AgroSciences LLC	own	
81-2	Acute Dermal Toxicity	43414516	Dow AgroSciences LLC	own	
81-2	Acute Dermal Toxicity	44596203	Dow AgroSciences LLC	own	
81-3	Acute Inhalation Toxicity	43414517	Dow AgroSciences LLC	own	
81-4	Primary Eye Irritation	43414518	Dow AgroSciences LLC	own	
81-5	Primary Dermal Irritation	43414519	Dow AgroSciences LLC	own	
81-6	Dermal Sensitization	43414520	Dow AgroSciences LLC	own	
81-8	Acute Delayed Neurotoxicity in the Rat	43557501	Dow AgroSciences LLC	own	
82-1	90-Day Feeding	43444102	Dow AgroSciences LLC	own	
82-1	90-Day Feeding	43566601	Dow AgroSciences LLC	own	
82-1	90-Day Feeding	43566602	Dow AgroSciences LLC	own	
82-1	90-Day Feeding	43557502	Dow AgroSciences LLC	own	
82-2	21-Day Dermal	43557503	Dow AgroSciences LLC	own	
82-2	21-Day Dermal	43701502	Dow AgroSciences LLC	own	
82-7	13-Week Dietary/Neurotoxicity in Rats	43557504	Dow AgroSciences LLC	own	

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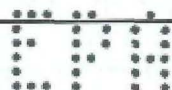
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Date

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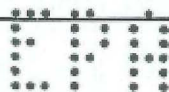
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Ingredient Spinosad		*Trademark of Dow AgroSciences LLC			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
83-1	Chronic Feeding	43701503	Dow AgroSciences LLC	own	
83-1	Chronic Feeding	43701504	Dow AgroSciences LLC	own	
83-2	Oncogenicity	43701505	Dow AgroSciences LLC	own	
83-2	Oncogenicity	44123601	Dow AgroSciences LLC	own	
83-3(a)	Teratogenicity in the Rat	43557505	Dow AgroSciences LLC	own	
83-3(b)	Teratogenicity in the Rabbit	43414521	Dow AgroSciences LLC	own	
83-4	2-Generation Reproduction Study in the Rat	43701506	Dow AgroSciences LLC	own	
83-5	Chronic Feeding/	43701507	Dow AgroSciences LLC	own	
84-2	Gene Mutation	43414522	Dow AgroSciences LLC	own	
84-2	Gene Mutation	43414523	Dow AgroSciences LLC	own	
84-4	Other Genotoxic Effects	43414524	Dow AgroSciences LLC	own	
84-4	Other Genotoxic Effects	43414525	Dow AgroSciences LLC	own	
84-4	Other Genotoxic Effects	43414526	Dow AgroSciences LLC	own	
85-1	General Metabolism	43701508	Dow AgroSciences LLC	own	
85-1	General Metabolism	43701509	Dow AgroSciences LLC	own	
85-1	General Metabolism	43701510	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager		Date March 2, 2004





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Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
122-1	Tier I Seed Germination/	43848802	Dow AgroSciences LLC	own	
122-1	Tier I Seed Germination/	44597732	Dow AgroSciences LLC	own	
122-2	Tier I Aquatic Plant Growth	43414542	Dow AgroSciences LLC	own	
123-2	Tier II Aquatic Plant Growth	43414546	Dow AgroSciences LLC	own	
123-2	Tier II Aquatic Plant Growth	43414544	Dow AgroSciences LLC	own	
123-2	Tier II Aquatic Plant Growth	43414545	Dow AgroSciences LLC	own	
123-2	Tier II Aquatic Plant Growth	43414543	Dow AgroSciences LLC	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	43414547	Dow AgroSciences LLC	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	45340801	Dow AgroSciences LLC	own	
141-2	Honey Bee Toxicity of Residues on Foliage	44420603	Dow AgroSciences LLC	own	
141-2	Honey Bee Toxicity of Residues on Foliage	45007701	Dow AgroSciences LLC	own	
850.3040 (141-5)	Field Testing for Pollinators	45007702	Dow AgroSciences LLC	own	
141-5	Field Testing for Pollinators	45007703	Dow AgroSciences LLC	own	
141-5	Field Testing for Pollinators	45007704	Dow AgroSciences LLC	own	
143-1	Non-Target Insect Testing	43444105	Dow AgroSciences LLC	own	
143-2	Non-Target Insect Testing	43444105	Dow AgroSciences LLC	own	
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Ingredient Spinosad		*Trademark of Dow AgroSciences LLC			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
161-1	Hydrolysis	43507301	Dow AgroSciences LLC	own	
161-2	Photodegradation in Water	43507302	Dow AgroSciences LLC	own	
161-3	Photodegradation on Soil	43507303	Dow AgroSciences LLC	own	
161-3	Photodegradation on Soil	44597733	Dow AgroSciences LLC	own	
162-1	Aerobic Soil Metabolism	43507304	Dow AgroSciences LLC	own	
162-3	Anaerobic Aquatic Metabolism	43507305	Dow AgroSciences LLC	own	
162-1	Aerobic Soil Metabolism	44420604	Dow AgroSciences LLC	own	
162-3	Anaerobic Aquatic Metabolism	44420604	Dow AgroSciences LLC	own	
162-1	Aerobic Soil Metabolism	43816601	Dow AgroSciences LLC	own	
162-3	Anaerobic Aquatic Metabolism	43816601	Dow AgroSciences LLC	own	
163-1	Leaching and Adsorption/Desorption	43816601	Dow AgroSciences LLC	own	
163-1	Leaching and Adsorption/	43507306	Dow AgroSciences LLC	own	
163-1	Leaching and Adsorption/Desorption	43816602	Dow AgroSciences LLC	own	
164-1	Soil Field Dissipation	43714301	Dow AgroSciences LLC	own	
164-1	Soil Field Dissipation	44045101	Dow AgroSciences LLC	own	
164-1	Soil Field Dissipation	44045102	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager		Date March 2, 2004





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Ingredient Spinosad		*Trademark of Dow AgroSciences LLC			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation	44045103	Dow AgroSciences LLC	own	
164-2	Aquatic Sediment Field Dissipation	44045103	Dow AgroSciences LLC	own	
164-1	Soil Field Dissipation	44045104	Dow AgroSciences LLC	own	
164-2	Aquatic Sediment Field Dissipation	44045104	Dow AgroSciences LLC	own	
164-2	Aquatic Sediment Field Dissipation	44045105	Dow AgroSciences LLC	own	
165-4	Accumulation in Fish	43557601	Dow AgroSciences LLC	own	
165-4	Accumulation in Fish	44597734	Dow AgroSciences LLC	own	
165-1	Confined Rotational Crop	43727402	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	43727403	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	43727404	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058811	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058812	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058813	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058814	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058815	Dow AgroSciences LLC	own	
171-4(b)	Nature of Residue in Livestock	43727405	Dow AgroSciences LLC	own	
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Ingredient Spinosad		*Trademark of Dow AgroSciences LLC			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(b)	Nature of Residue in Livestock	43727406	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	43727407	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44058816	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44058818	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44058817	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44058819	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44159306	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44159305	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44214902	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323502	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323503	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323504	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323505	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323506	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323507	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323508	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager		Date March 2, 2004





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44444402	Dow AgroSciences LLC	own	
860.1340	Residue Analytical Methods - Plants	44597709	Dow AgroSciences LLC	own	
860.1340	Residue Analytical Methods - Plants	44597710	Dow AgroSciences LLC	own	
860.1340	Residue Analytical Methods - Plants	44597708	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	43727408	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Method (Animals)	43727408	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44045106	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Method (Animals)	44045106	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44058820	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44058821	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44058822	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44058823	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44597713	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44597714	Dow AgroSciences LLC	own	
860.1340	Residue Analytical Methods - Animals	44693601	Dow AgroSciences LLC	own	
171-4(e)	Storage Stability	44058824	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager		Date March 2, 2004





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Ingredient Spinosad	*Trademark of Dow AgroSciences LLC				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(e)	Storage Stability	44058825	Dow AgroSciences LLC	own	
171-4(e)	Storage Stability	44159307	Dow AgroSciences LLC	own	
171-4(e)	Storage Stability	44323509	Dow AgroSciences LLC	own	
171-4(e)	Storage Stability	44323510	Dow AgroSciences LLC	own	
860.1380	Storage Stability	44597711	Dow AgroSciences LLC	own	
860.1380	Storage Stability	44597712	Dow AgroSciences LLC	own	
171-4(j)	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44058826	Dow AgroSciences LLC	own	
860.1480	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44597715	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	43727410	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44058827	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44058828	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44159308	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44159309	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44214903	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44323511	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44323512	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager	Date March 2, 2004	





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DATA MATRIX

Date March 2, 2004		EPA Reg No./File Symbol 62719-292		Page 13 of 17	
Applicant's/Registrant's Name & Address  Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054		Product  Success*			
Ingredient Spinosad		*Trademark of Dow AgroSciences LLC			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	44323513	Dow AgroSciences LLC	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44323513	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44444403	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44597717	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44597716	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44597719	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44597718	Dow AgroSciences LLC	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	43727411	Dow AgroSciences LLC	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44058829	Dow AgroSciences LLC	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44159310	Dow AgroSciences LLC	own	
171-4	Residue of Analytical Method	43727409	Dow AgroSciences LLC	own	
171-4	Residue of Analytical Method	44058810	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager		Date March 2, 2004





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Applicant's/Registrant's Name & Address  Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054	Product  Success*	

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	44444404	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	44444404	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
860.1550	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	44444404	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager	Date March 2, 2004	





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Applicant's/Registrant's Name & Address  Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054		Product  Success*			
Ingredient Spinosad		*Trademark of Dow AgroSciences LLC			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	44058830	Dow AgroSciences LLC	own	
Series 875	Occupational and Residential Exposure Test	44828401	Dow AgroSciences LLC	own	
N/A	N/A	44214901	Dow AgroSciences LLC	own	
N/A	N/A	44214904	Dow AgroSciences LLC	own	
N/A	N/A	Admin	Dow AgroSciences LLC	own	
N/A	N/A	43478105	Dow AgroSciences LLC	own	
N/A	N/A	43477901	Dow AgroSciences LLC	own	
N/A	N/A	43848803	Dow AgroSciences LLC	own	
N/A	N/A	43918401	Dow AgroSciences LLC	own	
N/A	N/A	43478106	Dow AgroSciences LLC	own	
N/A	N/A	43701511	Dow AgroSciences LLC	own	
N/A	N/A	43701501	Dow AgroSciences LLC	own	
N/A	N/A	43770702	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager		Date March 2, 2004





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Applicant's/Registrant's Name & Address  Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054		Product  Success*			
Ingredient Spinosad		*Trademark of Dow AgroSciences LLC			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	43478103	Dow AgroSciences LLC	own	
N/A	N/A	43985201	Dow AgroSciences LLC	own	
N/A	N/A	43414548	Dow AgroSciences LLC	own	
N/A	N/A	43478104	Dow AgroSciences LLC	own	
N/A	N/A	43816603	Dow AgroSciences LLC	own	
N/A	N/A	44597735	Dow AgroSciences LLC	own	
N/A	N/A	44597736	Dow AgroSciences LLC	own	
N/A	N/A	44597737	Dow AgroSciences LLC	own	
N/A	N/A	43727401	Dow AgroSciences LLC	own	
N/A	N/A	44058831	Dow AgroSciences LLC	own	
N/A	N/A	Admin	Dow AgroSciences LLC	own	
N/A	N/A	44444401	Dow AgroSciences LLC	own	
N/A	N/A	44597701	Dow AgroSciences LLC	own	
N/A	N/A	44597703	Dow AgroSciences LLC	own	
N/A	N/A	44597704	Dow AgroSciences LLC	own	
N/A	N/A	44189401	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager		Date March 2, 2004





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Applicant's/Registrant's Name & Address  Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054	Product  Success*	

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	44323501	Dow AgroSciences LLC	own	
N/A	N/A	44347001	Dow AgroSciences LLC	own	
N/A	N/A	44597702	Dow AgroSciences LLC	own	
N/A	N/A	44596201	Dow AgroSciences LLC	own	
N/A	N/A	44828403	Dow AgroSciences LLC	own	
N/A	N/A	45267802	Dow AgroSciences LLC	own	
N/A	N/A	45270401	Dow AgroSciences LLC	own	
N/A	N/A	45270402	Dow AgroSciences LLC	own	
N/A	N/A	45535601	Dow AgroSciences LLC	own	
N/A	N/A	45708201	Dow AgroSciences LLC	own	
N/A	N/A	45708801	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager	Date March 2, 2004	





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Applicant's/Registrant's Name & Address
<p> <input type="checkbox"/> <b>Individual</b>            Name: _____            Address: _____            City: _____ State: _____ Zip: _____         </p> <p> <input type="checkbox"/> <b>Business</b>            Name: _____            Address: _____            City: _____ State: _____ Zip: _____         </p>

Product	
---------	--

**Dow AgroSciences LLC**  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Success\*

Ingredient	Spinosad
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\*Trademark of Dow AgroSciences LLC

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

Status

Note

SEE SUBSEQUENT PAGES

Signature \_\_\_\_\_

Name and Title
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Date
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A. Sterett Robertson/Regulatory Manager

November 3, 2003





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	44058801	Dow AgroSciences LLC	own	
Series 62	Product Analysis and Certification	44058802	Dow AgroSciences LLC	own	
Series 63	Physical and Chemical Characteristics	44058803	Dow AgroSciences LLC	own	
81-1	Acute Oral Toxicity	44058804	Dow AgroSciences LLC	own	
81-2	Acute Dermal Toxicity	44058805	Dow AgroSciences LLC	own	
81-3	Acute Inhalation Toxicity	44058806	Dow AgroSciences LLC	own	
81-4	Primary Eye Irritation	44058807	Dow AgroSciences LLC	own	
81-5	Primary Dermal Irritation	44058808	Dow AgroSciences LLC	own	
81-6	Dermal Sensitization	44058809	Dow AgroSciences LLC	own	
Signature	Name and Title		Date		
See Page 1 for signature	A. Sterett Robertson/Regulatory Manager		November 3, 2003		





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	43450304	Dow AgroSciences LLC	own	
830.1550	Product Identity and Composition	44521801	Dow AgroSciences LLC	own	
830.1620	Description of Production Process	44521801	Dow AgroSciences LLC	own	
830.1670	Discussion of Formation of Impurities	44521801	Dow AgroSciences LLC	own	
830.1750	Certified Limits	44521801	Dow AgroSciences LLC	own	
830.1800	Enforcement Analytical Method	44521801	Dow AgroSciences LLC	own	
Series 62	Product Analysis and Certification	43450305	Dow AgroSciences LLC	own	
Series 63	Physical and Chemical Characteristics	43450306	Dow AgroSciences LLC	own	
830.6317	Storage Stability	45310601	Dow AgroSciences LLC	own	
830.6320	Corrosion Characteristics	45310601	Dow AgroSciences LLC	own	
71-1	Avian Oral LD <sub>50</sub>	43414528	Dow AgroSciences LLC	own	
71-1	Avian Oral LD <sub>50</sub>	43414529	Dow AgroSciences LLC	own	
71-1	Avian Oral LD <sub>50</sub>	43571201	Dow AgroSciences LLC	own	
71-2	Avian Dietary LC <sub>50</sub>	43414530	Dow AgroSciences LLC	own	
71-2	Avian Dietary LC <sub>50</sub>	43414531	Dow AgroSciences LLC	own	
71-4(a)	Avian Reproductive Toxicity in Bobwhite Quail	43414533	Dow AgroSciences LLC	own	
Signature* See Page 4 for signature				Name and Title A. Storrett Robertson/Regulatory Manager	Date November 3, 2003





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Applicant's/Registrant's Name & Address Product  
Dow AgroSciences LLC Success\*  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
71-4(b)	Avian Reproductive Toxicity in Mallard Duck	43414532	Dow AgroSciences LLC	own	
72-1	Freshwater Fish LC <sub>50</sub>	43444103	Dow AgroSciences LLC	own	
72-1	Freshwater Fish LC <sub>50</sub>	43414534	Dow AgroSciences LLC	own	
72-1	Freshwater Fish LC <sub>50</sub>	43770703	Dow AgroSciences LLC	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43414537	Dow AgroSciences LLC	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43571202	Dow AgroSciences LLC	own	
72-2(c)	Invertebrate Toxicity Freshwater LC <sub>50</sub>	44597731	Dow AgroSciences LLC	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414539	Dow AgroSciences LLC	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43444104	Dow AgroSciences LLC	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414540	Dow AgroSciences LLC	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43571203	Dow AgroSciences LLC	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43414541	Dow AgroSciences LLC	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43848801	Dow AgroSciences LLC	own	
72-4(a)	Early Life Stage in Fish	44420601	Dow AgroSciences LLC	own	
72-4(b)	Life Cycle in Aquatic Invertebrates	44420602	Dow AgroSciences LLC	own	
72-6	Aquatic Organism Accumulation	44597734	Dow AgroSciences LLC	own	

Signature See Page 4 for signature Name and Title Date  
A. Sterett Robertson/Regulatory Manager November 3, 2003





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Toxicity	43414515	Dow AgroSciences LLC	own	
81-1	Acute Oral Toxicity	43770701	Dow AgroSciences LLC	own	
81-1	Acute Oral Toxicity	45735601	Dow AgroSciences LLC	own	
81-2	Acute Dermal Toxicity	43414516	Dow AgroSciences LLC	own	
81-2	Acute Dermal Toxicity	44596203	Dow AgroSciences LLC	own	
81-3	Acute Inhalation Toxicity	43414517	Dow AgroSciences LLC	own	
81-4	Primary Eye Irritation	43414518	Dow AgroSciences LLC	own	
81-5	Primary Dermal Irritation	43414519	Dow AgroSciences LLC	own	
81-6	Dermal Sensitization	43414520	Dow AgroSciences LLC	own	
81-8	Acute Delayed Neurotoxicity in the Rat	43557501	Dow AgroSciences LLC	own	
82-1	90-Day Feeding	43444102	Dow AgroSciences LLC	own	
82-1	90-Day Feeding	43566601	Dow AgroSciences LLC	own	
82-1	90-Day Feeding	43566602	Dow AgroSciences LLC	own	
82-1	90-Day Feeding	43557502	Dow AgroSciences LLC	own	
82-2	21-Day Dermal	43557503	Dow AgroSciences LLC	own	
82-2	21-Day Dermal	43701502	Dow AgroSciences LLC	own	
82-7	13-Week Dietary/Neurotoxicity in Rats	43557504	Dow AgroSciences LLC	own	

Signature

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Name and Title

A. Sterett Robertson/Regulatory Manager

Date

November 3, 2003





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
83-1	Chronic Feeding	43701503	Dow AgroSciences LLC	own	
83-1	Chronic Feeding	43701504	Dow AgroSciences LLC	own	
83-2	Oncogenicity	43701505	Dow AgroSciences LLC	own	
83-2	Oncogenicity	44123601	Dow AgroSciences LLC	own	
83-3(a)	Teratogenicity in the Rat	43557505	Dow AgroSciences LLC	own	
83-3(b)	Teratogenicity in the Rabbit	43414521	Dow AgroSciences LLC	own	
83-4	2-Generation Reproduction Study in the Rat	43701506	Dow AgroSciences LLC	own	
83-5	Chronic Feeding/	43701507	Dow AgroSciences LLC	own	
84-2	Gene Mutation	43414522	Dow AgroSciences LLC	own	
84-2	Gene Mutation	43414523	Dow AgroSciences LLC	own	
84-4	Other Genotoxic Effects	43414524	Dow AgroSciences LLC	own	
84-4	Other Genotoxic Effects	43414525	Dow AgroSciences LLC	own	
84-4	Other Genotoxic Effects	43414526	Dow AgroSciences LLC	own	
85-1	General Metabolism	43701508	Dow AgroSciences LLC	own	
85-1	General Metabolism	43701509	Dow AgroSciences LLC	own	
85-1	General Metabolism	43701510	Dow AgroSciences LLC	own	

Signature

See Page 1 for signature

Name and Title

A. Sterett Robertson/Regulatory Manager

Date

November 3, 2003





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
122-1	Tier I Seed Germination/	43848802	Dow AgroSciences LLC	own	
122-1	Tier I Seed Germination/	44597732	Dow AgroSciences LLC	own	
122-2	Tier I Aquatic Plant Growth	43414542	Dow AgroSciences LLC	own	
123-2	Tier II Aquatic Plant Growth	43414546	Dow AgroSciences LLC	own	
123-2	Tier II Aquatic Plant Growth	43414544	Dow AgroSciences LLC	own	
123-2	Tier II Aquatic Plant Growth	43414545	Dow AgroSciences LLC	own	
123-2	Tier II Aquatic Plant Growth	43414543	Dow AgroSciences LLC	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	43414547	Dow AgroSciences LLC	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	45340801	Dow AgroSciences LLC	own	
141-2	Honey Bee Toxicity of Residues on Foliage	44420603	Dow AgroSciences LLC	own	
141-2	Honey Bee Toxicity of Residues on Foliage	45007701	Dow AgroSciences LLC	own	
850.3040 (141-5)	Field Testing for Pollinators	45007702	Dow AgroSciences LLC	own	
141-5	Field Testing for Pollinators	45007703	Dow AgroSciences LLC	own	
141-5	Field Testing for Pollinators	45007704	Dow AgroSciences LLC	own	
143-1	Non-Target Insect Testing	43444105	Dow AgroSciences LLC	own	
143-2	Non-Target Insect Testing	43444105	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager	Date November 3, 2003	





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
161-1	Hydrolysis	43507301	Dow AgroSciences LLC	own	
161-2	Photodegradation in Water	43507302	Dow AgroSciences LLC	own	
161-3	Photodegradation on Soil	43507303	Dow AgroSciences LLC	own	
161-3	Photodegradation on Soil	44597733	Dow AgroSciences LLC	own	
162-1	Aerobic Soil Metabolism	43507304	Dow AgroSciences LLC	own	
162-3	Anaerobic Aquatic Metabolism	43507305	Dow AgroSciences LLC	own	
162-1	Aerobic Soil Metabolism	44420604	Dow AgroSciences LLC	own	
162-3	Anaerobic Aquatic Metabolism	44420604	Dow AgroSciences LLC	own	
162-1	Aerobic Soil Metabolism	43816601	Dow AgroSciences LLC	own	
162-3	Anaerobic Aquatic Metabolism	43816601	Dow AgroSciences LLC	own	
163-1	Leaching and Adsorption/Desorption	43816601	Dow AgroSciences LLC	own	
163-1	Leaching and Adsorption/	43507306	Dow AgroSciences LLC	own	
163-1	Leaching and Adsorption/Desorption	43816602	Dow AgroSciences LLC	own	
164-1	Soil Field Dissipation	43714301	Dow AgroSciences LLC	own	
164-1	Soil Field Dissipation	44045101	Dow AgroSciences LLC	own	
164-1	Soil Field Dissipation	44045102	Dow AgroSciences LLC	own	
Signature* See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager	Date November 3, 2003	





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Applicant's/Registrant's Name & Address Product  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054 Success\*

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation	44045103	Dow AgroSciences LLC	own	
164-2	Aquatic Sediment Field Dissipation	44045103	Dow AgroSciences LLC	own	
164-1	Soil Field Dissipation	44045104	Dow AgroSciences LLC	own	
164-2	Aquatic Sediment Field Dissipation	44045104	Dow AgroSciences LLC	own	
164-2	Aquatic Sediment Field Dissipation	44045105	Dow AgroSciences LLC	own	
165-4	Accumulation in Fish	43557601	Dow AgroSciences LLC	own	
165-4	Accumulation in Fish	44597734	Dow AgroSciences LLC	own	
165-1	Confined Rotational Crop	43727402	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	43727403	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	43727404	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058811	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058812	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058813	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058814	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058815	Dow AgroSciences LLC	own	
171-4(b)	Nature of Residue in Livestock	43727405	Dow AgroSciences LLC	own	

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A. Sterett Robertson/Regulatory Manager November 3, 2003





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(b)	Nature of Residue in Livestock	43727406	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	43727407	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44058816	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44058818	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44058817	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44058819	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44159306	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44159305	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44214902	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323502	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323503	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323504	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323505	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323506	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323507	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323508	Dow AgroSciences LLC	own	

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Name and Title

A. Sterett Robertson/Regulatory Manager

Date

November 3, 2003





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44444402	Dow AgroSciences LLC	own	
860.1340	Residue Analytical Methods - Plants	44597709	Dow AgroSciences LLC	own	
860.1340	Residue Analytical Methods - Plants	44597710	Dow AgroSciences LLC	own	
860.1340	Residue Analytical Methods - Plants	44597708	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	43727408	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Method (Animals)	43727408	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44045106	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Method (Animals)	44045106	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44058820	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44058821	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44058822	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44058823	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44597713	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44597714	Dow AgroSciences LLC	own	
860.1340	Residue Analytical Methods - Animals	44693601	Dow AgroSciences LLC	own	
171-4(e)*	Storage Stability	44058824	Dow AgroSciences LLC	own	
Signature* See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager	Date November 3, 2003	





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Applicant's/Registrant's Name & Address Product  
Dow AgroSciences LLC Success\*  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(e)	Storage Stability	44058825	Dow AgroSciences LLC	own	
171-4(e)	Storage Stability	44159307	Dow AgroSciences LLC	own	
171-4(e)	Storage Stability	44323509	Dow AgroSciences LLC	own	
171-4(e)	Storage Stability	44323510	Dow AgroSciences LLC	own	
860.1380	Storage Stability	44597711	Dow AgroSciences LLC	own	
860.1380	Storage Stability	44597712	Dow AgroSciences LLC	own	
171-4(j)	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44058826	Dow AgroSciences LLC	own	
860.1480	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44597715	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	43727410	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44058827	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44058828	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44159308	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44159309	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44214903	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44323511	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44323512	Dow AgroSciences LLC	own	

Signature\* See Page 1 for signature Name and Title Date  
A. Sterett Robertson/Regulatory Manager November 3, 2003





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Applicant's/Registrant's Name & Address Product  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054 Success\*

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	44323513	Dow AgroSciences LLC	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44323513	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44444403	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44597717	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44597716	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44597719	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44597718	Dow AgroSciences LLC	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	43727411	Dow AgroSciences LLC	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44058829	Dow AgroSciences LLC	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44159310	Dow AgroSciences LLC	own	
171-4	Residue of Analytical Method	43727409	Dow AgroSciences LLC	own	
171-4	Residue of Analytical Method	44058810	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	

Signature: See Page 1 for signature Name and Title Date  
A. Sterett Robertson/Regulatory Manager November 3, 2003





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	44444404	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	44444404	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
860.1550	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	44444404	Dow AgroSciences LLC	own	

Signature

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Name and Title

A. Sterett Robertson/Regulatory Manager

Date

November 3, 2003





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	44058830	Dow AgroSciences LLC	own	
Series 875	Occupational and Residential Exposure Test	44828401	Dow AgroSciences LLC	own	
N/A	N/A	44214901	Dow AgroSciences LLC	own	
N/A	N/A	44214904	Dow AgroSciences LLC	own	
N/A	N/A	Admin	Dow AgroSciences LLC	own	
N/A	N/A	43478105	Dow AgroSciences LLC	own	
N/A	N/A	43477901	Dow AgroSciences LLC	own	
N/A	N/A	43848803	Dow AgroSciences LLC	own	
N/A	N/A	43918401	Dow AgroSciences LLC	own	
N/A	N/A	43478106	Dow AgroSciences LLC	own	
N/A	N/A	43701511	Dow AgroSciences LLC	own	
N/A	N/A	43701501	Dow AgroSciences LLC	own	
N/A	N/A	43770702	Dow AgroSciences LLC	own	

Signature

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Name and Title

A. Sterett Robertson/Regulatory Manager

Date

November 3, 2003





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Applicant's/Registrant's Name & Address Product  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054 Success\*

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	43478103	Dow AgroSciences LLC	own	
N/A	N/A	43985201	Dow AgroSciences LLC	own	
N/A	N/A	43414548	Dow AgroSciences LLC	own	
N/A	N/A	43478104	Dow AgroSciences LLC	own	
N/A	N/A	43816603	Dow AgroSciences LLC	own	
N/A	N/A	44597735	Dow AgroSciences LLC	own	
N/A	N/A	44597736	Dow AgroSciences LLC	own	
N/A	N/A	44597737	Dow AgroSciences LLC	own	
N/A	N/A	43727401	Dow AgroSciences LLC	own	
N/A	N/A	44058831	Dow AgroSciences LLC	own	
N/A	N/A	Admin	Dow AgroSciences LLC	own	
N/A	N/A	44444401	Dow AgroSciences LLC	own	
N/A	N/A	44597701	Dow AgroSciences LLC	own	
N/A	N/A	44597703	Dow AgroSciences LLC	own	
N/A	N/A	44597704	Dow AgroSciences LLC	own	
N/A	N/A	44189401	Dow AgroSciences LLC	own	

Signature Date  
A. Sterett Robertson/Regulatory Manager November 3, 2003  
Set Page 1 for signature\*





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Applicant's/Registrant's Name & Address Product  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054 Success\*

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	44323501	Dow AgroSciences LLC	own	
N/A	N/A	44347001	Dow AgroSciences LLC	own	
N/A	N/A	44597702	Dow AgroSciences LLC	own	
N/A	N/A	44596201	Dow AgroSciences LLC	own	
N/A	N/A	44828403	Dow AgroSciences LLC	own	
N/A	N/A	45267802	Dow AgroSciences LLC	own	
N/A	N/A	45270401	Dow AgroSciences LLC	own	
N/A	N/A	45270402	Dow AgroSciences LLC	own	
N/A	N/A	45535601	Dow AgroSciences LLC	own	
N/A	N/A	45708201	Dow AgroSciences LLC	own	
N/A	N/A	45708801	Dow AgroSciences LLC	own	

Signature See Page 1 for signature Name and Title A. Sterett Robertson/Regulatory Manager Date November 3, 2003





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Product	Price	Quantity	Total
Product A	10	100	1000
Product B	20	50	1000
Product C	30	33.33	1000
Product D	40	25	1000
Product E	50	20	1000
Product F	60	16.67	1000
Product G	70	14.29	1000
Product H	80	12.5	1000
Product I	90	11.11	1000
Product J	100	10	1000

**Dow AgroSciences LLC**  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Success\*

Ingredient	Spinosad
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\*Trademark of Dow AgroSciences LLC

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

Status

Note

SEE SUBSEQUENT PAGES

Signature \_\_\_\_\_

Name and Title
----------------

Date

A. Sterett Robertson/Regulatory Manager

July 1, 2002





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Applicant's/Registrant's Name & Address Product  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054 Success\*

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	44159301	Dow AgroSciences LLC	own	
Series 62	Product Analysis and Certification	44159302	Dow AgroSciences LLC	own	
Series 63	Physical and Chemical Characteristics	44159303	Dow AgroSciences LLC	own	
830.6317	Storage Stability	44597706	Dow AgroSciences LLC	own	
830.6320	Corrosion Characteristics	44597706	Dow AgroSciences LLC	own	
830.6317	Storage Stability	44972901	Dow AgroSciences LLC	own	
830.6320	Corrosion Characteristics	44972901	Dow AgroSciences LLC	own	
81-1	Acute Oral Toxicity	43414509	Dow AgroSciences LLC	own	
81-1	Acute Oral Toxicity	44597726	Dow AgroSciences LLC	own	
81-2	Acute Dermal Toxicity	43414510	Dow AgroSciences LLC	own	
81-2	Acute Dermal Toxicity	44159304	Dow AgroSciences LLC	own	
81-2	Acute Dermal Toxicity	44597727	Dow AgroSciences LLC	own	
81-3	Acute Inhalation Toxicity	43414511	Dow AgroSciences LLC	own	
81-4	Primary Eye Irritation	43414512	Dow AgroSciences LLC	own	
81-4	Primary Eye Irritation	44597728	Dow AgroSciences LLC	own	
81-5	Primary Dermal Irritation	43414513	Dow AgroSciences LLC	own	

Signature See Page 1 for signature Name and Title A. Sterett Robertson/Regulatory Manager Date July 1, 2002





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### DATA MATRIX

Date July 1, 2002

EPA Reg No./File Symbol 62719-292

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[illegible]

Product	Price	Quantity	Total
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Success\*

**Dow AgroSciences LLC**  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Ingredient	Spinosad
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Date July 1, 2002	EPA Reg No./File Symbol 62719-292	Page 4 of 18
Applicant's/Registrant's Name & Address  Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054	Product  Success*	

Ingredient Spinosad		*Trademark of Dow AgroSciences LLC			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	43450304	Dow AgroSciences LLC	own	
830.1550	Product Identity and Composition	44521801	Dow AgroSciences LLC	own	
830.1620	Description of Production Process	44521801	Dow AgroSciences LLC	own	
830.1670	Discussion of Formation of Impurities	44521801	Dow AgroSciences LLC	own	
830.1750	Certified Limits	44521801	Dow AgroSciences LLC	own	
830.1800	Enforcement Analytical Method	44521801	Dow AgroSciences LLC	own	
Series 62	Product Analysis and Certification	43450305	Dow AgroSciences LLC	own	
Series 63	Physical and Chemical Characteristics	43450306	Dow AgroSciences LLC	own	
830.6317	Storage Stability	45310601	Dow AgroSciences LLC	own	
830.6320	Corrosion Characteristics	45310601	Dow AgroSciences LLC	own	
71-1	Avian Oral LD <sub>50</sub>	43414528	Dow AgroSciences LLC	own	
71-1	Avian Oral LD <sub>50</sub>	43414529	Dow AgroSciences LLC	own	
71-1	Avian Oral LD <sub>50</sub>	43571201	Dow AgroSciences LLC	own	
71-2	Avian Dietary LC <sub>50</sub>	43414530	Dow AgroSciences LLC	own	
71-2	Avian Dietary LC <sub>50</sub>	43414531	Dow AgroSciences LLC	own	
71-4(a)	Avian Reproductive Toxicity in Bobwhite Quail	43414533	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager		Date July 1, 2002





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Applicant's/Registrant's Name & Address  Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054	Product  Success*	

Ingredient Spinosad		*Trademark of Dow AgroSciences LLC			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
71-4(b)	Avian Reproductive Toxicity in Mallard Duck	43414532	Dow AgroSciences LLC	own	
72-1	Freshwater Fish LC <sub>50</sub>	43444103	Dow AgroSciences LLC	own	
72-1	Freshwater Fish LC <sub>50</sub>	43414534	Dow AgroSciences LLC	own	
72-1	Freshwater Fish LC <sub>50</sub>	43770703	Dow AgroSciences LLC	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43414537	Dow AgroSciences LLC	own	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates	43571202	Dow AgroSciences LLC	own	
72-2(c)	Invertebrate Toxicity Freshwater LC <sub>50</sub>	44597731	Dow AgroSciences LLC	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414539	Dow AgroSciences LLC	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43444104	Dow AgroSciences LLC	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43414540	Dow AgroSciences LLC	own	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms	43571203	Dow AgroSciences LLC	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43414541	Dow AgroSciences LLC	own	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life	43848801	Dow AgroSciences LLC	own	
72-4(a)	Early Life Stage in Fish	44420601	Dow AgroSciences LLC	own	
72-4(b)	Life Cycle in Aquatic Invertebrates	44420602	Dow AgroSciences LLC	own	
72-6	Aquatic Organism Accumulation	44597734	Dow AgroSciences LLC	own	
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Applicant's/Registrant's Name & Address  Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054	Product  Success*	

Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Toxicity	43414515	Dow AgroSciences LLC	own	
81-1	Acute Oral Toxicity	43770701	Dow AgroSciences LLC	own	
81-2	Acute Dermal Toxicity	43414516	Dow AgroSciences LLC	own	
81-2	Acute Dermal Toxicity	44596203	Dow AgroSciences LLC	own	
81-3	Acute Inhalation Toxicity	43414517	Dow AgroSciences LLC	own	
81-4	Primary Eye Irritation	43414518	Dow AgroSciences LLC	own	
81-5	Primary Dermal Irritation	43414519	Dow AgroSciences LLC	own	
81-6	Dermal Sensitization	43414520	Dow AgroSciences LLC	own	
81-8	Acute Delayed Neurotoxicity in the Rat	43557501	Dow AgroSciences LLC	own	
82-1	90-Day Feeding	43444102	Dow AgroSciences LLC	own	
82-1	90-Day Feeding	43566601	Dow AgroSciences LLC	own	
82-1	90-Day Feeding	43566602	Dow AgroSciences LLC	own	
82-1	90-Day Feeding	43557502	Dow AgroSciences LLC	own	
82-2	21-Day Dermal	43557503	Dow AgroSciences LLC	own	
82-2	21-Day Dermal	43701502	Dow AgroSciences LLC	own	
82-7	13-Week Dietary/Neurotoxicity in Rats	43557504	Dow AgroSciences LLC	own	

Signature  
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Name and Title  
A. Sterett Robertson/Regulatory Manager

Date  
July 1, 2002





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Applicant's/Registrant's Name & Address  Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054	Product  Success*	

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
83-1	Chronic Feeding	43701503	Dow AgroSciences LLC	own	
83-1	Chronic Feeding	43701504	Dow AgroSciences LLC	own	
83-2	Oncogenicity	43701505	Dow AgroSciences LLC	own	
83-2	Oncogenicity	44123601	Dow AgroSciences LLC	own	
83-3(a)	Teratogenicity in the Rat	43557505	Dow AgroSciences LLC	own	
83-3(b)	Teratogenicity in the Rabbit	43414521	Dow AgroSciences LLC	own	
83-4	2-Generation Reproduction Study in the Rat	43701506	Dow AgroSciences LLC	own	
83-5	Chronic Feeding/	43701507	Dow AgroSciences LLC	own	
84-2	Gene Mutation	43414522	Dow AgroSciences LLC	own	
84-2	Gene Mutation	43414523	Dow AgroSciences LLC	own	
84-4	Other Genotoxic Effects	43414524	Dow AgroSciences LLC	own	
84-4	Other Genotoxic Effects	43414525	Dow AgroSciences LLC	own	
84-4	Other Genotoxic Effects	43414526	Dow AgroSciences LLC	own	
85-1	General Metabolism	43701508	Dow AgroSciences LLC	own	
85-1	General Metabolism	43701509	Dow AgroSciences LLC	own	
85-1	General Metabolism	43701510	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager	Date July 1, 2002	





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Applicant's/Registrant's Name & Address Product  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054 Success\*

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
122-1	Tier I Seed Germination/	43848802	Dow AgroSciences LLC	own	
122-1	Tier I Seed Germination/	44597732	Dow AgroSciences LLC	own	
122-2	Tier I Aquatic Plant Growth	43414542	Dow AgroSciences LLC	own	
123-2	Tier II Aquatic Plant Growth	43414546	Dow AgroSciences LLC	own	
123-2	Tier II Aquatic Plant Growth	43414544	Dow AgroSciences LLC	own	
123-2	Tier II Aquatic Plant Growth	43414545	Dow AgroSciences LLC	own	
123-2	Tier II Aquatic Plant Growth	43414543	Dow AgroSciences LLC	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	43414547	Dow AgroSciences LLC	own	
141-1	Honey Bee Acute Contact (LD <sub>50</sub> )	45340801	Dow AgroSciences LLC	own	
141-2	Honey Bee Toxicity of Residues on Foliage	44420603	Dow AgroSciences LLC	own	
141-2	Honey Bee Toxicity of Residues on Foliage	45007701	Dow AgroSciences LLC	own	
850.3040 (141-5)	Field Testing for Pollinators	45007702	Dow AgroSciences LLC	own	
141-5	Field Testing for Pollinators	45007703	Dow AgroSciences LLC	own	
141-5	Field Testing for Pollinators	45007704	Dow AgroSciences LLC	own	
143-1	Non-Target Insect Testing	43444105	Dow AgroSciences LLC	own	
143-2	Non-Target Insect Testing	43444105	Dow AgroSciences LLC	own	

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Applicant's/Registrant's Name & Address Product  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054 Success\*

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
161-1	Hydrolysis	43507301	Dow AgroSciences LLC	own	
161-2	Photodegradation in Water	43507302	Dow AgroSciences LLC	own	
161-3	Photodegradation on Soil	43507303	Dow AgroSciences LLC	own	
161-3	Photodegradation on Soil	44597733	Dow AgroSciences LLC	own	
162-1	Aerobic Soil Metabolism	43507304	Dow AgroSciences LLC	own	
162-3	Anaerobic Aquatic Metabolism	43507305	Dow AgroSciences LLC	own	
162-1	Aerobic Soil Metabolism	44420604	Dow AgroSciences LLC	own	
162-3	Anaerobic Aquatic Metabolism	44420604	Dow AgroSciences LLC	own	
162-1	Aerobic Soil Metabolism	43816601	Dow AgroSciences LLC	own	
162-3	Anaerobic Aquatic Metabolism	43816601	Dow AgroSciences LLC	own	
163-1	Leaching and Adsorption/Desorption	43816601	Dow AgroSciences LLC	own	
163-1	Leaching and Adsorption/Desorption	43507306	Dow AgroSciences LLC	own	
163-1	Leaching and Adsorption/Desorption	43816602	Dow AgroSciences LLC	own	
164-1	Soil Field Dissipation	43714301	Dow AgroSciences LLC	own	
164-1	Soil Field Dissipation	44045101	Dow AgroSciences LLC	own	
164-1	Soil Field Dissipation	44045102	Dow AgroSciences LLC	own	

Signature See Page 1 for signature Name and Title Date  
A. Sterett Robertson/Regulatory Manager July 1, 2002





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation	44045103	Dow AgroSciences LLC	own	
164-2	Aquatic Sediment Field Dissipation	44045103	Dow AgroSciences LLC	own	
164-1	Soil Field Dissipation	44045104	Dow AgroSciences LLC	own	
164-2	Aquatic Sediment Field Dissipation	44045104	Dow AgroSciences LLC	own	
164-2	Aquatic Sediment Field Dissipation	44045105	Dow AgroSciences LLC	own	
165-4	Accumulation in Fish	43557601	Dow AgroSciences LLC	own	
165-4	Accumulation in Fish	44597734	Dow AgroSciences LLC	own	
165-1	Confined Rotational Crop	43727402	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	43727403	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	43727404	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058811	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058812	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058813	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058814	Dow AgroSciences LLC	own	
171-4(a)	Nature of Residue in Plants	44058815	Dow AgroSciences LLC	own	
171-4(b)	Nature of Residue in Livestock	43727405	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager	Date July 1, 2002	





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(b)	Nature of Residue in Livestock	43727406	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	43727407	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44058816	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44058818	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44058817	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44058819	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44159306	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44159305	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44214902	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323502	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323503	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323504	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323505	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323506	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323507	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44323508	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager	Date July 1, 2002	





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Applicant's/Registrant's Name & Address

Product

Success\*

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44444402	Dow AgroSciences LLC	own	
860.1340	Residue Analytical Methods - Plants	44597709	Dow AgroSciences LLC	own	
860.1340	Residue Analytical Methods - Plants	44597710	Dow AgroSciences LLC	own	
860.1340	Residue Analytical Methods - Plants	44597708	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	43727408	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Method (Animals)	43727408	Dow AgroSciences LLC	own	
171-4(c)	Residue Analytical Method (Plants)	44045106	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Method (Animals)	44045106	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44058820	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44058821	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44058822	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44058823	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44597713	Dow AgroSciences LLC	own	
171-4(d)	Residue Analytical Methods (Animals)	44597714	Dow AgroSciences LLC	own	
860.1340	Residue Analytical Methods - Animals	44693601	Dow AgroSciences LLC	own	
171-4(e)	Storage Stability	44058824	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager		Date July 1, 2002





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Applicant's/Registrant's Name & Address

Product

Success\*

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(e)	Storage Stability	44058825	Dow AgroSciences LLC	own	
171-4(e)	Storage Stability	44159307	Dow AgroSciences LLC	own	
171-4(e)	Storage Stability	44323509	Dow AgroSciences LLC	own	
171-4(e)	Storage Stability	44323510	Dow AgroSciences LLC	own	
860.1380	Storage Stability	44597711	Dow AgroSciences LLC	own	
860.1380	Storage Stability	44597712	Dow AgroSciences LLC	own	
171-4(j)	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44058826	Dow AgroSciences LLC	own	
860.1480	Magnitude of Residue in Meat/Milk/ Poultry/Eggs	44597715	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	43727410	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44058827	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44058828	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44159308	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44159309	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44214903	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44323511	Dow AgroSciences LLC	own	
171-4(k)	Crop Field Trials	44323512	Dow AgroSciences LLC	own	
Signature See Page 1 for signature	Name and Title A. Sterett Robertson/Regulatory Manager			Date July 1, 2002	





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Applicant's/Registrant's Name & Address  Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054	Product  Success*	

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	44323513	Dow AgroSciences LLC	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44323513	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44444403	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44597717	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44597716	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44597719	Dow AgroSciences LLC	own	
860.1500	Crop Field Trials	44597718	Dow AgroSciences LLC	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	43727411	Dow AgroSciences LLC	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44058829	Dow AgroSciences LLC	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44159310	Dow AgroSciences LLC	own	
171-4	Residue of Analytical Method	43727409	Dow AgroSciences LLC	own	
171-4	Residue of Analytical Method	44058810	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager	Date July 1, 2002	





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Applicant's/Registrant's Name & Address

Product

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Success\*

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	44444404	Dow AgroSciences LLC	own	
171-5	Reduction of Residue	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	44444404	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-6	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
860.1550	Proposed Tolerance	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	44444404	Dow AgroSciences LLC	own	
Signature See Page 1 for signature			Name and Title A. Sterett Robertson/Regulatory Manager	Date July 1, 2002	





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Applicant's/Registrant's Name & Address

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Product

Success\*

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	Admin	Dow AgroSciences LLC	own	
171-7	Reasonable Grounds in Support of Petition	44058830	Dow AgroSciences LLC	own	
Series 875	Occupational and Residential Exposure Test	44828401	Dow AgroSciences LLC	own	
N/A	N/A	44214901	Dow AgroSciences LLC	own	
N/A	N/A	44214904	Dow AgroSciences LLC	own	
N/A	N/A	Admin	Dow AgroSciences LLC	own	
N/A	N/A	43478105	Dow AgroSciences LLC	own	
N/A	N/A	43477901	Dow AgroSciences LLC	own	
N/A	N/A	43848803	Dow AgroSciences LLC	own	
N/A	N/A	43918401	Dow AgroSciences LLC	own	
N/A	N/A	43478106	Dow AgroSciences LLC	own	
N/A	N/A	43701511	Dow AgroSciences LLC	own	
N/A	N/A	43701501	Dow AgroSciences LLC	own	
N/A	N/A	4370702	Dow AgroSciences LLC	own	
Signature	Name and Title			Date	
See Page 1 for signature	A. Sterett Robertson/Regulatory Manager			July 1, 2002	





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Applicant's/Registrant's Name & Address Product  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054 Success\*

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	43478103	Dow AgroSciences LLC	own	
N/A	N/A	43985201	Dow AgroSciences LLC	own	
N/A	N/A	43414548	Dow AgroSciences LLC	own	
N/A	N/A	43478104	Dow AgroSciences LLC	own	
N/A	N/A	43816603	Dow AgroSciences LLC	own	
N/A	N/A	44597735	Dow AgroSciences LLC	own	
N/A	N/A	44597736	Dow AgroSciences LLC	own	
N/A	N/A	44597737	Dow AgroSciences LLC	own	
N/A	N/A	43727401	Dow AgroSciences LLC	own	
N/A	N/A	44058831	Dow AgroSciences LLC	own	
N/A	N/A	Admin	Dow AgroSciences LLC	own	
N/A	N/A	44444401	Dow AgroSciences LLC	own	
N/A	N/A	44597701	Dow AgroSciences LLC	own	
N/A	N/A	44597703	Dow AgroSciences LLC	own	
N/A	N/A	44597704	Dow AgroSciences LLC	own	
N/A	N/A	44189401	Dow AgroSciences LLC	own	

Signature See Page 1 for signature Name and Title A. Sterett Robertson/Regulatory Manager Date July 1, 2002





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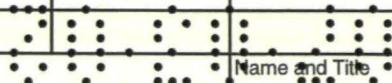
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Product B	20	50	1000
Product C	30	33.33	1000
Product D	40	25	1000
Product E	50	20	1000
Product F	60	16.67	1000
Product G	70	14.29	1000
Product H	80	12.5	1000
Product I	90	11.11	1000
Product J	100	10	1000

Success\*

**Dow AgroSciences LLC**  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Ingredient	Spinosad
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\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	44323501	Dow AgroSciences LLC	own	
N/A	N/A	44347001	Dow AgroSciences LLC	own	
N/A	N/A	44597702	Dow AgroSciences LLC	own	
N/A	N/A	44596201	Dow AgroSciences LLC	own	
N/A	N/A	44828403	Dow AgroSciences LLC	own	
N/A	N/A	45267802	Dow AgroSciences LLC	own	
N/A	N/A	45270401	Dow AgroSciences LLC	own	
N/A	N/A	45270402	Dow AgroSciences LLC	own	
N/A	N/A	45535601	Dow AgroSciences LLC	own	
Signature				Name and Title	Date
See Page 1 for signature				A. Sterett Robertson/Regulatory Manager	July 1, 2002





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DATA MATRIX

Date March 30, 2001	EPA Reg No./File Symbol 62719- 292	Page 1 of 18
Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product  Success*	

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	43450304	62719	own	
Series 61	Product Identity and Composition	44159301	62719	own	
830.1550	Product Identity and Composition	44521801	62719	own	
830.1620	Description of Production Process	44597706	62719	own	
830.1670	Discussion of Formation of Impurities	44597706	62719	own	
830.1750	Certified Limits	44597706	62719	own	
830.1800	Enforcement Analytical Method	44597706	62719	own	
Series 62	Analytical Methods to Verify Certified Limits	43450305	62719	own	
Series 62	Analytical Methods to Verify Certified Limits	44159302	62719	own	
Series 63	Physical and Chemical Characteristics	43450306	62719	own	
Series 63	Physical and Chemical Characteristics	44159303	62719	own	
830.6317	Storage Stability	44597706	62719	own	
830.6320	Corrosion Characteristics	44597706	62719	own	
830.6317	Storage Stability	44972901	62719	own	
830.6320	Corrosion Characteristics	44972901	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date March 30, 2001
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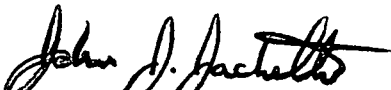


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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268			Product  Success*		
Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	44214901	62719	own	
N/A	N/A	44214904	62719	own	
71-1	Avian Oral LD50	43414528	62719	own	
71-1	Avian Oral LD50	43414529	62719	own	
71-1	Avian Oral LD50	43571201	62719	own	
71-2	Avian Dietary LC50	43414530	62719	own	
71-2	Avian Dietary LC50	43414531	62719	own	
71-4(a)	Avian Reproductive Toxicity in Bobwhite Quail	43414533	62719	own	
71-4(b)	Avian Reproductive Toxicity in Mallard Duck	43414532	62719	own	
72-1	Freshwater Fish LC50	43444103	62719	own	
72-1	Freshwater Fish LC50	43414534	62719	own	
72-1	Freshwater Fish LC50	43770703	62719	own	
72-2	Acute LC50 Freshwater Invertebrate	43414537	62719	own	
72-2	Acute LC50 Freshwater Invertebrate	43571202	62719	own	
72-2(c)	Aquatic Invertebrate Acute Toxicity Test	44597731	62719	own	
Signature 			Name and Title John J. Jachetta, Ph.D./Regulatory Manager		Date March 30, 2001





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Applicant's/Registrant's Name & Address <b>Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268</b>	Product  Success*	

Ingredient **Spinosad** \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
72-3	Acute LC50 Estuarine and Marine Organisms	43414539	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43444104	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43414540	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43571203	62719	own	
72-4	Early Life Stage in Fish	43414541	62719	own	
72-4	Early Life Stage in Fish	43848801	62719	own	
72-4(a)	Early Life Stage in Fish	44420601	62719	own	
72-4(b)	Life Cycle in Aquatic Invertebrates	44420602	62719	own	
72-6	Aquatic Organism Accumulation Study	44597734	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	43478105	62719	own	
N/A	N/A	43477901	62719	own	
N/A	N/A	43848803	62719	own	
N/A	N/A	43918401	62719	own	
81-1	Acute Oral Toxicity	43414509	62719	own	

Signature 	Name and Title <b>John J. Jachetta, Ph.D./Regulatory Manager</b>	Date <b>March 30, 2001</b>
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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Toxicity	44597726	62719	own	
81-2	Acute Dermal Toxicity	43414510	62719	own	
81-2	Acute Dermal Toxicity	44159304	62719	own	
81-2	Acute Dermal Toxicity	44597727	62719	own	
81-3	Acute Inhalation Toxicity	43414511	62719	own	
81-4	Primary Eye Irritation	43414512	62719	own	
81-4	Primary Eye Irritation	44597728	62719	own	
81-5	Primary Dermal Irritation	43414513	62719	own	
81-5	Primary Dermal Irritation	44597729	62719	own	
81-6	Dermal Sensitization	43414514	62719	own	
81-6	Dermal Sensitization	44597730	62719	own	
81-8	Acute Neurotoxicity in the Rat	43557501	62719	own	
82-1	90-Day Feeding Study	43444102	62719	own	
82-1	90-Day Feeding Study	43566601	62719	own	
82-1	90-Day Feeding Study	43566602	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date March 30, 2001
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Date <b>March 30, 2001</b>	EPA Reg No./File Symbol <b>62719- 292</b>	Page <b>5</b> of <b>18</b>
Applicant's/Registrant's Name & Address <b>Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268</b>	Product  Success*	

Ingredient **Spinosad** \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
82-1	90-Day Feeding Study	43557502	62719	own	
82-2	21-Day Dermal	43557503	62719	own	
82-2	21-Day Dermal	43701502	62719	own	
82-7	13-Week Dietary/Neurotoxicity in Rats	43557504	62719	own	
83-1	Chronic Feeding	43701503	62719	own	
83-1	Chronic Feeding	43701504	62719	own	
83-2	Oncogenicity	43701505	62719	own	
83-2	Oncogenicity	44123601	62719	own	
83-3(a)	Teratogenicity	43557505	62719	own	
83-3(b)	Teratogenicity	43414521	62719	own	
83-4	2-Generation Reproduction Study in the Rat	43701506	62719	own	
83-5	Chronic Feeding Oncogenicity in the Rat	43701507	62719	own	
84-2	Gene Mutagenicity	43414522	62719	own	
84-2	Gene Mutagenicity	43414523	62719	own	
84-2	Gene Mutagenicity	43414524	62719	own	

Signature 	Name and Title <b>John J. Jachetta, Ph.D./Regulatory Manager</b>	Date <b>March 30, 2001</b>
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DATA MATRIX

Date March 30, 2001	EPA Reg No./File Symbol 62719- 292	Page 6 of 18
Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
84-4	Other Genotoxic Effects	43414524	62719	own	
84-2	Gene Mutagenicity	43414525	62719	own	
84-4	Other Genotoxic Effects	43414525	62719	own	
84-2	Gene Mutagenicity	43414526	62719	own	
84-4	Other Genotoxic Effects	43414526	62719	own	
85-1	General Metabolism	43701508	62719	own	
85-1	General Metabolism	43701509	62719	own	
85-1	General Metabolism	43701510	62719	own	
N/A	N/A	43478106	62719	own	
N/A	N/A	43701511	62719	own	
N/A	N/A	43701501	62719	own	
N/A	N/A	43770702	62719	own	
N/A	N/A	43478103	62719	own	
N/A	N/A	43985201	62719	own	
122-1	Tier I Seed Germination and Seedling Emergence	43848802	62719	own	

Signature

Name and Title

John J. Jachetta, Ph.D./Regulatory Manager

Date

March 30, 2001





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Applicant's/Registrant's Name & Address <b>Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268</b>	Product <b>Success*</b>	

Ingredient **Spinosad** \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
122-1	Tier I Seed Germination and Seedling Emergence	44597732	62719	own	
122-2	Tier I Aquatic Plant Growth	43414542	62719	own	
123-2	Tier II Aquatic Plant Growth	43414546	62719	own	
123-2	Tier II Aquatic Plant Growth	43414544	62719	own	
123-2	Tier II Aquatic Plant Growth	43414545	62719	own	
123-2	Tier II Aquatic Plant Growth	43414543	62719	own	
141-1	Honey Bee Acute Contact (LD50)	43414547	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	44420603	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	45007701	62719	own	
850.3040	Field Testing for Pollinators	45007702	62719	own	
141-5	Field Testing for Pollinators	45007703	62719	own	
141-5	Field Testing for Pollinators	45007704	62719	own	
143-1	Non-Target Insect Testing	43444105	62719	own	
143-2	Non-Target Insect Testing	43444105	62719	own	
N/A	N/A	43414548	62719	own	

Signature 	Name and Title <b>John J. Jachetta, Ph.D./Regulatory Manager</b>	Date <b>March 30, 2001</b>
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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
161-1	Hydrolysis	43507301	62719	own	
161-2	Photodegradation in Water	43507302	62719	own	
161-3	Photodegradation on Soil	43507303	62719	own	
161-3	Photodegradation on Soil	44597733	62719	own	
162-1	Aerobic Soil Metabolism	43507304	62719	own	
162-3	Anaerobic Aquatic Metabolism	43507305	62719	own	
162-1	Aerobic Soil Metabolism	44420604	62719	own	
162-3	Anaerobic Aquatic Metabolism	44420604	62719	own	
162-1	Aerobic Soil Metabolism	43816601	62719	own	
162-3	Anaerobic Aquatic Metabolism	43816601	62719	own	
163-1	Leaching and Adsorption/Desorption	43816601	62719	own	
163-1	Leaching and Adsorption/Desorption	43507306	62719	own	
163-1	Leaching and Adsorption/Desorption	43816602	62719	own	
164-1	Soil Field Dissipation	43714301	62719	own	
164-1	Soil Field Dissipation	44045101	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date March 30, 2001
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Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation	44045102	62719	own	
164-1	Soil Field Dissipation	44045103	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045103	62719	own	
164-1	Soil Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045105	62719	own	
165-4	Fish Accumulation	43557601	62719	own	
165-4	Fish Accumulation	44597734	62719	own	
N/A	N/A	43478104	62719	own	
N/A	N/A	43816603	62719	own	
N/A	N/A	44597735	62719	own	
N/A	N/A	44597736	62719	own	
N/A	N/A	44597737	62719	own	
165-1	Confined Rotational Crop	43727402	62719	own	
171-4(a)	Nature of Residue in Plants	43727403	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date March 30, 2001
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Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation	44045102	62719	own	
164-1	Soil Field Dissipation	44045103	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045103	62719	own	
164-1	Soil Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045105	62719	own	
165-4	Fish Accumulation	43557601	62719	own	
165-4	Fish Accumulation	44597734	62719	own	
N/A	N/A	43478104	62719	own	
N/A	N/A	43816603	62719	own	
N/A	N/A	44597735	62719	own	
N/A	N/A	44597736	62719	own	
N/A	N/A	44597737	62719	own	
165-1	Confined Rotational Crop	43727402	62719	own	
171-4(a)	Nature of Residue in Plants	43727403	62719	own	
Signature 			Name and Title John J. Jachetta, Ph.D./Regulatory Manager		Date March 30, 2001





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Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(a)	Nature of Residue in Plants	43727404	62719	own	
171-4(a)	Nature of Residue in Plants	44058811	62719	own	
171-4(a)	Nature of Residue in Plants	44058812	62719	own	
171-4(a)	Nature of Residue in Plants	44058813	62719	own	
171-4(a)	Nature of Residue in Plants	44058814	62719	own	
171-4(a)	Nature of Residue in Plants	44058815	62719	own	
171-4(b)	Nature of Residue in Livestock	43727405	62719	own	
171-4(b)	Nature of Residue in Livestock	43727406	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727407	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058816	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058818	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058817	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058819	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44159306	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44159305	62719	own	

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Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44214902	62719	own	
171-4(c)	Residue Analytical Method (Plants)	Admin	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323502	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323503	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323504	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323505	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323506	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323507	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323508	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44444402	62719	own	
860.1340	Residue Analytical Method (Plants)	44597709	62719	own	
860.1340	Residue Analytical Method (Plants)	44597710	62719	own	
860.1340	Residue Analytical Method (Plants)	44597708	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727408	62719	own	
171-4(d)	Residue Analytical Method (Animals)	43727408	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date March 30, 2001
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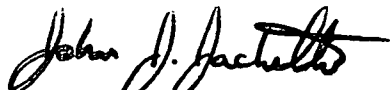


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Ingredient <b>Spinosad</b>			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44045106	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44045106	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058820	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058821	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058822	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058823	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44597713	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44597714	62719	own	
860.1340	Residue Analytical Method (Animals)	44693601	62719	own	
171-4(e)	Storage Stability	44058824	62719	own	
171-4(e)	Storage Stability	44058825	62719	own	
171-4(e)	Storage Stability	44159307	62719	own	
171-4(e)	Storage Stability	44323509	62719	own	
171-4(e)	Storage Stability	44323510	62719	own	
860.1380	Storage Stability	44597711	62719	own	
Signature 			Name and Title <b>John J. Jachetta, Ph.D./Regulatory Manager</b>		Date <b>March 30, 2001</b>



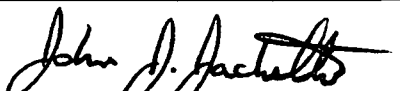


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Ingredient <b>Spinosad</b>			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1380	Storage Stability	44597712	62719	own	
171-4(j)	Magnitude of Residue in Meat/Milk/Poultry/Eggs	44058826	62719	own	
860.1480	Magnitude of Residue in Meat/Milk/Poultry/Eggs	44597715	62719	own	
171-4(k)	Crop Field Trials	43727410	62719	own	
171-4(k)	Crop Field Trials	44058827	62719	own	
171-4(k)	Crop Field Trials	44058828	62719	own	
171-4(k)	Crop Field Trials	44159308	62719	own	
171-4(k)	Crop Field Trials	44159309	62719	own	
171-4(k)	Crop Field Trials	44214903	62719	own	
171-4(k)	Crop Field Trials	44323511	62719	own	
171-4(k)	Crop Field Trials	44323512	62719	own	
171-4(k)	Crop Field Trials	44323513	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44323513	62719	own	
860.1500	Crop Field Trials	44444403	62719	own	
860.1500	Crop Field Trials	44597717	62719	own	
Signature 			Name and Title <b>John J. Jachetta, Ph.D./Regulatory Manager</b>		Date <b>March 30, 2001</b>





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Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Crop Field Trials	44597716	62719	own	
860.1500	Crop Field Trials	44597719	62719	own	
860.1500	Crop Field Trials	44597718	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	43727411	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44058829	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44159310	62719	own	
171-4	Residue of Analytical Method	43727409	62719	own	
171-4	Residue of Analytical Method	44058810	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date March 30, 2001
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Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-6	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-5	Reduction of Residues	44444404	62719	own	
171-6	Proposed Tolerance	44444404	62719	own	
171-7	Reasonable Grounds in Support of Petition	44444404	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
860.1550	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
Signature 			Name and Title John J. Jachetta, Ph.D./Regulatory Manager		Date March 30, 2001





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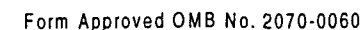
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Ingredient <b>Spinosad</b>			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	44058830	62719	own	
N/A	N/A	43727401	62719	own	
N/A	N/A	44058831	62719	own	
N/A	N/A	44444401	62719	own	
N/A	N/A	44597701	62719	own	
N/A	N/A	44597703	62719	own	
N/A	N/A	44597704	62719	own	
Series 875	Occupational and Residential Exposure Test	44828401	62719	own	
N/A	N/A	44189401	62719	own	
N/A	N/A	44323501	62719	own	
N/A	N/A	44347001	62719	own	
N/A	N/A	44597702	62719	own	
N/A	N/A	44596201	62719	own	
N/A	N/A	44828402	62719	own	

Signature 	Name and Title <b>John J. Jachetta, Ph.D./Regulatory Manager</b>	Date <b>March 30, 2001</b>
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## Success\*

\*Trademark of Dow AgroSciences LLC

Date \_\_\_\_\_

March 30, 2001





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DATA MATRIX

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Applicant's/Registrant's Name & Address  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268

Product

Success\*

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	44159301	62719	own	
Series 62	Analytical Methods to Verify Certified Limits	44159302	62719	own	
Series 63	Physical and Chemical Characteristics	44159303	62719	own	
830.6317	Storage Stability	44597706	62719	own	
830.6320	Corrosion Characteristics	44597706	62719	own	
830.6317	Storage Stability	44972901	62719	own	
830.6320	Corrosion Characteristics	44972901	62719	own	
N/A	N/A	44214901	62719	own	
N/A	N/A	44214904	62719	own	
81-1	Acute Oral Toxicity	43414509	62719	own	
81-2	Acute Dermal Toxicity	43414510	62719	own	
81-2	Acute Dermal Toxicity	44159304	62719	own	
81-3	Acute Inhalation Toxicity	43414511	62719	own	
81-4	Primary Eye Irritation	43414512	62719	own	
81-5	Primary Dermal Irritation	43414513	62719	own	

Signature

Name and Title

John J. Jachetta, Ph.D./Regulatory Manager

Date

Oct. 26, 2000





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Applicant's/Registrant's Name & Address	Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product		
		Success*		

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-6	Dermal Sensitization	43414514	62719	own	
71-1	Avian Oral LD50	43414528	62719	own	
71-1	Avian Oral LD50	43414529	62719	own	
71-1	Avian Oral LD50	43571201	62719	own	
71-2	Avian Dietary LC50	43414530	62719	own	
71-2	Avian Dietary LC50	43414531	62719	own	
71-4(a)	Avian Reproductive Toxicity in Bobwhite Quail	43414533	62719	own	
71-4(b)	Avian Reproductive Toxicity in Mallard Duck	43414532	62719	own	
72-1	Freshwater Fish LC50	43444103	62719	own	
72-1	Freshwater Fish LC50	43414534	62719	own	
72-1	Freshwater Fish LC50	43770703	62719	own	
72-2	Acute LC50 Freshwater Invertebrate	43414537	62719	own	
72-2	Acute LC50 Freshwater Invertebrate	43571202	62719	own	
72-2(c)	Aquatic Invertebrate Acute Toxicity Test	44597731	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43414539	62719	own	

Signature		Name and Title	Date
		John J. Jachetta, Ph.D./Regulatory Manager	Oct. 26, 2000





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Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
72-3	Acute LC50 Estuarine and Marine Organisms	43444104	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43414540	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43571203	62719	own	
72-4	Early Life Stage in Fish	43414541	62719	own	
72-4	Early Life Stage in Fish	43848801	62719	own	
72-4(a)	Early Life Stage in Fish	44420601	62719	own	
72-4(b)	Life Cycle in Aquatic Invertebrates	44420602	62719	own	
72-6	Aquatic Organism Accumulation Study	44597734	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	43478105	62719	own	
N/A	N/A	43477901	62719	own	
N/A	N/A	43848803	62719	own	
N/A	N/A	43918401	62719	own	
81-8	Acute Neurotoxicity in the Rat	43557501	62719	own	
82-1	90-Day Feeding Study	43444102	62719	own	

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Name and Title

John J. Jachetta, Ph.D./Regulatory Manager

Date

Oct. 26, 2000





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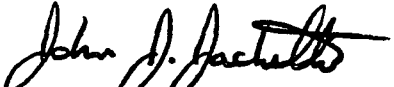
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Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
82-1	90-Day Feeding Study	43566601	62719	own	
82-1	90-Day Feeding Study	43566602	62719	own	
82-1	90-Day Feeding Study	43557502	62719	own	
82-2	21-Day Dermal	43557503	62719	own	
82-2	21-Day Dermal	43701502	62719	own	
82-7	13-Week Dietary/Neurotoxicity in Rats	43557504	62719	own	
83-1	Chronic Feeding	43701503	62719	own	
83-1	Chronic Feeding	43701504	62719	own	
83-2	Oncogenicity	43701505	62719	own	
83-2	Oncogenicity	44123601	62719	own	
83-3	Teratogenicity	43557505	62719	own	
83-3	Teratogenicity	43414521	62719	own	
83-4	2-Generation Reproduction Study in the Rat	43701506	62719	own	
83-5	Chronic Feeding Oncogenicity in the Rat	43701507	62719	own	
84-2	Gene Mutagenicity	43414522	62719	own	

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Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
84-2	Gene Mutagenicity	43414523	62719	own	
84-2	Gene Mutagenicity	43414524	62719	own	
84-4	Other Genotoxic Effects	43414524	62719	own	
84-2	Gene Mutagenicity	43414525	62719	own	
84-4	Other Genotoxic Effects	43414525	62719	own	
84-2	Gene Mutagenicity	43414526	62719	own	
84-4	Other Genotoxic Effects	43414526	62719	own	
85-1	General Metabolism	43701508	62719	own	
85-1	General Metabolism	43701509	62719	own	
85-1	General Metabolism	43701510	62719	own	
N/A	N/A	43478106	62719	own	
N/A	N/A	43701511	62719	own	
N/A	N/A	43701501	62719	own	
N/A	N/A	43770702	62719	own	
N/A	N/A	43478103	62719	own	

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		John J. Jachetta, Ph.D./Regulatory Manager	Oct. 26, 2000





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Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	43985201	62719	own	
122-1	Tier I Seed Germination and Seedling Emergence	43848802	62719	own	
122-1	Tier I Seed Germination and Seedling Emergence	44597732	62719	own	
122-2	Aquatic Plant Growth	43414542	62719	own	
123-2	Aquatic Plant Growth	43414546	62719	own	
123-2	Aquatic Plant Growth	43414544	62719	own	
123-2	Aquatic Plant Growth	43414545	62719	own	
123-2	Aquatic Plant Growth	43414543	62719	own	
141-1	Honey Bee Acute Contact (LD50)	43414547	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	44420603	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	45007701	62719	own	
850.3040	Field Testing for Pollinators	45007702	62719	own	
141-5	Field Testing for Pollinators	45007703	62719	own	
141-5	Field Testing for Pollinators	45007704	62719	own	
143-1	Non-Target Insect Testing	43444105	62719	own	

Signature

Name and Title

John J. Jachetta, Ph.D./Regulatory Manager

Date

Oct. 26, 2000





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		Success*		

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
143-2	Non-Target Insect Testing	43444105	62719	own	
N/A	N/A	43414548	62719	own	
161-1	Hydrolysis	43507301	62719	own	
161-2	Photodegradation in Water	43507302	62719	own	
161-3	Photodegradation on Soil	43507303	62719	own	
161-3	Photodegradation on Soil	44597733	62719	own	
162-1	Aerobic Soil Metabolism Study	43507304	62719	own	
162-3	Anaerobic Aquatic Metabolism Study	43507305	62719	own	
162-1	Aerobic Soil Metabolism	44420604	62719	own	
162-3	Anaerobic Aquatic Metabolism	44420604	62719	own	
162-1	Aerobic Soil Metabolism	43816601	62719	own	
162-3	Anaerobic Aquatic Metabolism	43816601	62719	own	
163-1	Leaching and Adsorption/Desorption	43816601	62719	own	
163-1	Leaching and Adsorption/Desorption	43507306	62719	own	
163-1	Leaching and Adsorption/Desorption	43816602	62719	own	

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Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation	43714301	62719	own	
164-1	Soil Field Dissipation	44045101	62719	own	
164-1	Soil Field Dissipation	44045102	62719	own	
164-1	Soil Field Dissipation	44045103	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045103	62719	own	
164-1	Soil Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045105	62719	own	
165-4	Fish Accumulation	43557601	62719	own	
165-4	Fish Accumulation	44597734	62719	own	
N/A	N/A	43478104	62719	own	
N/A	N/A	43816603	62719	own	
N/A	N/A	44597735	62719	own	
N/A	N/A	44597736	62719	own	
N/A	N/A	44597737	62719	own	

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Applicant's/Registrant's Name & Address  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268

Product

Success\*

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
165-1	Confined Rotational Crop	43727402	62719	own	
171-4(a)	Nature of Residue in Plants	43727403	62719	own	
171-4(a)	Nature of Residue in Plants	43727404	62719	own	
171-4(a)	Nature of Residue in Plants	44058811	62719	own	
171-4(a)	Nature of Residue in Plants	44058812	62719	own	
171-4(a)	Nature of Residue in Plants	44058813	62719	own	
171-4(a)	Nature of Residue in Plants	44058814	62719	own	
171-4(a)	Nature of Residue in Plants	44058815	62719	own	
171-4(b)	Nature of Residue in Livestock	43727405	62719	own	
171-4(b)	Nature of Residue in Livestock	43727406	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727407	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058816	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058818	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058817	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058819	62719	own	

Signature

Name and Title

John J. Jachetta, Ph.D./Regulatory Manager

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Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44159306	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44159305	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323502	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323503	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323505	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323508	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44444402	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727408	62719	own	
171-4(d)	Residue Analytical Method (Animals)	43727408	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44045106	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44045106	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058820	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058821	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058822	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058823	62719	own	

Signature

Name and Title

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Dow AgroSciences LLC  
9330 Zionsville Road  
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Product

Success\*

Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Residue Analytical Method (Animals)	44693601	62719	own	
171-4(e)	Storage Stability	44058824	62719	own	
171-4(e)	Storage Stability	44058825	62719	own	
171-4(e)	Storage Stability	44159307	62719	own	
171-4(e)	Storage Stability	44323509	62719	own	
171-4(e)	Storage Stability	44323510	62719	own	
171-4(j)	Magnitude of Residue in Meat/Milk/Poultry/Eggs	44058826	62719	own	
860.1480	Magnitude of Residue in Meat/Milk/Poultry/Eggs	44597715	62719	own	
171-4(k)	Crop Field Trials	43727410	62719	own	
171-4(k)	Crop Field Trials	44058827	62719	own	
171-4(k)	Crop Field Trials	44058828	62719	own	
171-4(k)	Crop Field Trials	44159308	62719	own	
171-4(k)	Crop Field Trials	44159309	62719	own	
171-4(k)	Crop Field Trials	44323512	62719	own	
860.1500	Crop Field Trials	44444403	62719	own	

Signature

Name and Title

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DATA MATRIX

Date	October 26, 2000	EPA Reg No./File Symbol	62719- 292	Page 12 of 14
Applicant's/Registrant's Name & Address	Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product		
		Success*		

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Crop Field Trials	44597719	62719	own	
171-4(I)	Magnitude of Residue in Processed Food/Feed	43727411	62719	own	
171-4(I)	Magnitude of Residue in Processed Food/Feed	44058829	62719	own	
171-4(I)	Magnitude of Residue in Processed Food/Feed	44159310	62719	own	
171-4	Residue of Analytical Method	43727409	62719	own	
171-4	Residue of Analytical Method	44058810	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-5	Reduction of Residue	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	

Signature		Name and Title	Date
		John J. Jachetta, Ph.D./Regulatory Manager	Oct. 26, 2000





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Applicant's/Registrant's Name & Address	Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product		
		Success*		

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-5	Reduction of Residues	44444404	62719	own	
171-6	Proposed Tolerance	44444404	62719	own	
171-7	Reasonable Grounds in Support of Petition	44444407	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	44058830	62719	own	
N/A	N/A	43727401	62719	own	
N/A	N/A	44058831	62719	own	
N/A	N/A	44444401	62719	own	
N/A	N/A	44597701	62719	own	
N/A	N/A	44597703	62719	own	

Signature		Name and Title	Date
		John J. Jachetta, Ph.D./Regulatory Manager	Oct. 26, 2000





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Applicant's/Registrant's Name & Address  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268

Product

Success\*

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	44597704	62719	own	
Series 875	Occupational and Residential Exposure	44828401	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	44189401	62719	own	
N/A	N/A	44347001	62719	own	
N/A	N/A	44828402	62719	own	
N/A	N/A	44828403	62719	own	

Signature

*John J. Jachetta*

Name and Title

John J. Jachetta, Ph.D./Regulatory Manager

Date

Oct. 26, 2000





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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(a)	Nature of Residue in Plants	43727404	62719	own	
171-4(a)	Nature of Residue in Plants	44058811	62719	own	
171-4(a)	Nature of Residue in Plants	44058812	62719	own	
171-4(a)	Nature of Residue in Plants	44058813	62719	own	
171-4(a)	Nature of Residue in Plants	44058814	62719	own	
171-4(a)	Nature of Residue in Plants	44058815	62719	own	
171-4(b)	Nature of Residue in Livestock	43727405	62719	own	
171-4(b)	Nature of Residue in Livestock	43727406	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727407	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058816	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058818	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058817	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058819	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44159306	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44159305	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date June 5, 2001
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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268			Product Success*		
Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44214902	62719	own	
171-4(c)	Residue Analytical Method (Plants)	Admin	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323502	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323503	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323504	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323505	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323506	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323507	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323508	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44444402	62719	own	
860.1340	Residue Analytical Method (Plants)	44597709	62719	own	
860.1340	Residue Analytical Method (Plants)	44597710	62719	own	
860.1340	Residue Analytical Method (Plants)	44597708	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727408	62719	own	
171-4(d)	Residue Analytical Method (Animals)	43727408	62719	own	
Signature 			Name and Title John J. Jachetta, Ph.D./Regulatory Manager		Date June 5, 2001





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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44045106	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44045106	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058820	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058821	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058822	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058823	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44597713	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44597714	62719	own	
860.1340	Residue Analytical Method (Animals)	44693601	62719	own	
171-4(e)	Storage Stability	44058824	62719	own	
171-4(e)	Storage Stability	44058825	62719	own	
171-4(e)	Storage Stability	44159307	62719	own	
171-4(e)	Storage Stability	44323509	62719	own	
171-4(e)	Storage Stability	44323510	62719	own	
860.1380	Storage Stability	44597711	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date June 5, 2001
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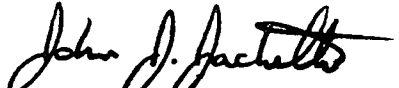


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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268			Product  Success*		
Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1380	Storage Stability	44597712	62719	own	
171-4(j)	Magnitude of Residue in Meat/Milk/Poultry/Eggs	44058826	62719	own	
860.1480	Magnitude of Residue in Meat/Milk/Poultry/Eggs	44597715	62719	own	
171-4(k)	Crop Field Trials	43727410	62719	own	
171-4(k)	Crop Field Trials	44058827	62719	own	
171-4(k)	Crop Field Trials	44058828	62719	own	
171-4(k)	Crop Field Trials	44159308	62719	own	
171-4(k)	Crop Field Trials	44159309	62719	own	
171-4(k)	Crop Field Trials	44214903	62719	own	
171-4(k)	Crop Field Trials	44323511	62719	own	
171-4(k)	Crop Field Trials	44323512	62719	own	
171-4(k)	Crop Field Trials	44323513	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44323513	62719	own	
860.1500	Crop Field Trials	44444403	62719	own	
860.1500	Crop Field Trials	44597717	62719	own	
Signature 			Name and Title John J. Jachetta, Ph.D./Regulatory Manager		Date June 5, 2001





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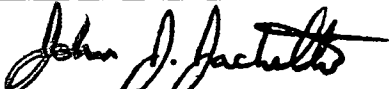
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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Crop Field Trials	44597716	62719	own	
860.1500	Crop Field Trials	44597719	62719	own	
860.1500	Crop Field Trials	44597718	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	43727411	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44058829	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44159310	62719	own	
171-4	Residue of Analytical Method	43727409	62719	own	
171-4	Residue of Analytical Method	44058810	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date June 5, 2001
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Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-6	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-5	Reduction of Residues	44444404	62719	own	
171-6	Proposed Tolerance	44444404	62719	own	
171-7	Reasonable Grounds in Support of Petition	44444404	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
860.1550	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
Signature 			Name and Title John J. Jachetta, Ph.D./Regulatory Manager		Date June 5, 2001





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Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	44058830	62719	own	
N/A	N/A	43727401	62719	own	
N/A	N/A	44058831	62719	own	
N/A	N/A	44444401	62719	own	
N/A	N/A	44597701	62719	own	
N/A	N/A	44597703	62719	own	
N/A	N/A	44597704	62719	own	
Series 875	Occupational and Residential Exposure Test	44828401	62719	own	
N/A	N/A	44189401	62719	own	
N/A	N/A	44323501	62719	own	
N/A	N/A	44347001	62719	own	
N/A	N/A	44597702	62719	own	
N/A	N/A	44596201	62719	own	
N/A	N/A	44828402	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date June 5, 2001
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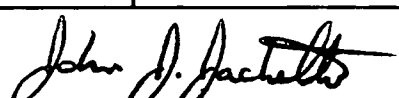


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Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	44828403	62719	own	
N/A	N/A	45267802	62719	own	
N/A	N/A	45270401	62719	own	
N/A	N/A	45270402	62719	own	
Signature 			Name and Title John J. Jachetta, Ph.D./Regulatory Manager		Date June 5, 2001





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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	43450304	62719	own	
Series 61	Product Identity and Composition	44159301	62719	own	
830.1550	Product Identity and Composition	44521801	62719	own	
830.1620	Description of Production Process	44597706	62719	own	
830.1670	Discussion of Formation of Impurities	44597706	62719	own	
830.1750	Certified Limits	44597706	62719	own	
830.1800	Enforcement Analytical Method	44597706	62719	own	
Series 62	Analytical Methods to Verify Certified Limits	43450305	62719	own	
Series 62	Analytical Methods to Verify Certified Limits	44159302	62719	own	
Series 63	Physical and Chemical Characteristics	43450306	62719	own	
Series 63	Physical and Chemical Characteristics	44159303	62719	own	
830.6317	Storage Stability	44597706	62719	own	
830.6320	Corrosion Characteristics	44597706	62719	own	
830.6317	Storage Stability	44972901	62719	own	
830.6320	Corrosion Characteristics	44972901	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date June 5, 2001
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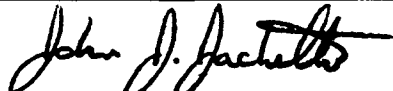
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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	44214901	62719	own	
N/A	N/A	44214904	62719	own	
71-1	Avian Oral LD50	43414528	62719	own	
71-1	Avian Oral LD50	43414529	62719	own	
71-1	Avian Oral LD50	43571201	62719	own	
71-2	Avian Dietary LC50	43414530	62719	own	
71-2	Avian Dietary LC50	43414531	62719	own	
71-4(a)	Avian Reproductive Toxicity in Bobwhite Quail	43414533	62719	own	
71-4(b)	Avian Reproductive Toxicity in Mallard Duck	43414532	62719	own	
72-1	Freshwater Fish LC50	43444103	62719	own	
72-1	Freshwater Fish LC50	43414534	62719	own	
72-1	Freshwater Fish LC50	43770703	62719	own	
72-2	Acute LC50 Freshwater Invertebrate	43414537	62719	own	
72-2	Acute LC50 Freshwater Invertebrate	43571202	62719	own	
72-2(c)	Aquatic Invertebrate Acute Toxicity Test	44597731	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date June 5, 2001
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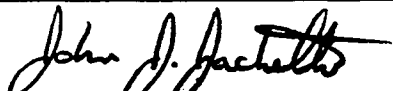


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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268			Product Success*		
Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
72-3	Acute LC50 Estuarine and Marine Organisms	43414539	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43444104	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43414540	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43571203	62719	own	
72-4	Early Life Stage in Fish	43414541	62719	own	
72-4	Early Life Stage in Fish	43848801	62719	own	
72-4(a)	Early Life Stage in Fish	44420601	62719	own	
72-4(b)	Life Cycle in Aquatic Invertebrates	44420602	62719	own	
72-6	Aquatic Organism Accumulation Study	44597734	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	43478105	62719	own	
N/A	N/A	43477901	62719	own	
N/A	N/A	43848803	62719	own	
N/A	N/A	43918401	62719	own	
81-1	Acute Oral Toxicity	43414509	62719	own	
Signature 			Name and Title John J. Jachetta, Ph.D./Regulatory Manager		Date June 5, 2001





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DATA MATRIX

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Applicant's/Registrant's Name & Address  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268

Product

Success\*

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Toxicity	44597726	62719	own	
81-2	Acute Dermal Toxicity	43414510	62719	own	
81-2	Acute Dermal Toxicity	44159304	62719	own	
81-2	Acute Dermal Toxicity	44597727	62719	own	
81-3	Acute Inhalation Toxicity	43414511	62719	own	
81-4	Primary Eye Irritation	43414512	62719	own	
81-4	Primary Eye Irritation	44597728	62719	own	
81-5	Primary Dermal Irritation	43414513	62719	own	
81-5	Primary Dermal Irritation	44597729	62719	own	
81-6	Dermal Sensitization	43414514	62719	own	
81-6	Dermal Sensitization	44597730	62719	own	
81-8	Acute Neurotoxicity in the Rat	43557501	62719	own	
82-1	90-Day Feeding Study	43444102	62719	own	
82-1	90-Day Feeding Study	43566601	62719	own	
82-1	90-Day Feeding Study	43566602	62719	own	

Signature

Name and Title

John J. Jachetta, Ph.D./Regulatory Manager

Date

June 5, 2001





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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
82-1	90-Day Feeding Study	43557502	62719	own	
82-2	21-Day Dermal	43557503	62719	own	
82-2	21-Day Dermal	43701502	62719	own	
82-7	13-Week Dietary/Neurotoxicity in Rats	43557504	62719	own	
83-1	Chronic Feeding	43701503	62719	own	
83-1	Chronic Feeding	43701504	62719	own	
83-2	Oncogenicity	43701505	62719	own	
83-2	Oncogenicity	44123601	62719	own	
83-3(a)	Teratogenicity	43557505	62719	own	
83-3(b)	Teratogenicity	43414521	62719	own	
83-4	2-Generation Reproduction Study in the Rat	43701506	62719	own	
83-5	Chronic Feeding Oncogenicity in the Rat	43701507	62719	own	
84-2	Gene Mutagenicity	43414522	62719	own	
84-2	Gene Mutagenicity	43414523	62719	own	
84-2	Gene Mutagenicity	43414524	62719	own	

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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
84-4	Other Genotoxic Effects	43414524	62719	own	
84-2	Gene Mutagenicity	43414525	62719	own	
84-4	Other Genotoxic Effects	43414525	62719	own	
84-2	Gene Mutagenicity	43414526	62719	own	
84-4	Other Genotoxic Effects	43414526	62719	own	
85-1	General Metabolism	43701508	62719	own	
85-1	General Metabolism	43701509	62719	own	
85-1	General Metabolism	43701510	62719	own	
N/A	N/A	43478106	62719	own	
N/A	N/A	43701511	62719	own	
N/A	N/A	43701501	62719	own	
N/A	N/A	43770702	62719	own	
N/A	N/A	43478103	62719	own	
N/A	N/A	43985201	62719	own	
122-1	Tier I Seed Germination and Seedling Emergence	43848802	62719	own	

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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad		*Trademark of Dow AgroSciences LLC			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
122-1	Tier I Seed Germination and Seedling Emergence	44597732	62719	own	
122-2	Tier I Aquatic Plant Growth	43414542	62719	own	
123-2	Tier II Aquatic Plant Growth	43414546	62719	own	
123-2	Tier II Aquatic Plant Growth	43414544	62719	own	
123-2	Tier II Aquatic Plant Growth	43414545	62719	own	
123-2	Tier II Aquatic Plant Growth	43414543	62719	own	
141-1	Honey Bee Acute Contact (LD50)	43414547	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	44420603	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	45007701	62719	own	
850.3040	Field Testing for Pollinators	45007702	62719	own	
141-5	Field Testing for Pollinators	45007703	62719	own	
141-5	Field Testing for Pollinators	45007704	62719	own	
143-1	Non-Target Insect Testing	43444105	62719	own	
143-2	Non-Target Insect Testing	43444105	62719	own	
N/A	N/A	43414548	62719	own	

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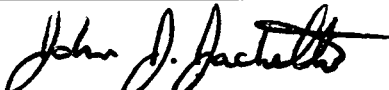


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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268			Product  Success*		
Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
161-1	Hydrolysis	43507301	62719	own	
161-2	Photodegradation in Water	43507302	62719	own	
161-3	Photodegradation on Soil	43507303	62719	own	
161-3	Photodegradation on Soil	44597733	62719	own	
162-1	Aerobic Soil Metabolism	43507304	62719	own	
162-3	Anaerobic Aquatic Metabolism	43507305	62719	own	
162-1	Aerobic Soil Metabolism	44420604	62719	own	
162-3	Anaerobic Aquatic Metabolism	44420604	62719	own	
162-1	Aerobic Soil Metabolism	43816601	62719	own	
162-3	Anaerobic Aquatic Metabolism	43816601	62719	own	
163-1	Leaching and Adsorption/Desorption	43816601	62719	own	
163-1	Leaching and Adsorption/Desorption	43507306	62719	own	
163-1	Leaching and Adsorption/Desorption	43816602	62719	own	
164-1	Soil Field Dissipation	43714301	62719	own	
164-1	Soil Field Dissipation	44045101	62719	own	
Signature 			Name and Title John J. Jachetta, Ph.D./Regulatory Manager		Date June 5, 2001





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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation	44045102	62719	own	
164-1	Soil Field Dissipation	44045103	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045103	62719	own	
164-1	Soil Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045105	62719	own	
165-4	Fish Accumulation	43557601	62719	own	
165-4	Fish Accumulation	44597734	62719	own	
N/A	N/A	43478104	62719	own	
N/A	N/A	43816603	62719	own	
N/A	N/A	44597735	62719	own	
N/A	N/A	44597736	62719	own	
N/A	N/A	44597737	62719	own	
165-1	Confined Rotational Crop	43727402	62719	own	
171-4(a)	Nature of Residue in Plants	43727403	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date June 5, 2001
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Applicant's/Registrant's Name & Address  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268

Product

Success\*

Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Soil Field Dissipation	44045102	62719	own	
164-1	Soil Field Dissipation	44045103	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045103	62719	own	
164-1	Soil Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045105	62719	own	
165-4	Fish Accumulation	43557601	62719	own	
165-4	Fish Accumulation	44597734	62719	own	
N/A	N/A	43478104	62719	own	
N/A	N/A	43816603	62719	own	
N/A	N/A	44597735	62719	own	
N/A	N/A	44597736	62719	own	
N/A	N/A	44597737	62719	own	
165-1	Confined Rotational Crop	43727402	62719	own	
171-4(a)	Nature of Residue in Plants	43727403	62719	own	

Signature

Name and Title

John J. Jachetta, Ph.D./Regulatory Manager

Date

June 5, 2001





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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product  Success*	

Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
141-1	Hone Bee Acute Contact (LD50)	43414547	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	44420603	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	45007701	62719	own	
850.3040	Field Testing for Pollinators	45007702	62719	own	
141-5	Field Testing for Pollinators	45007703	62719	own	
141-5	Field Testing for Pollinators	45007704	62719	own	
143-1	Non-Target Insect Testing	43444105	62719	own	
143-2	Non-Target Insect Testing	43444105	62719	own	
N/A	N/A	43414548	62719	own	

Signature

Name and Title

Date

John J. Jachetta, Ph.D./Regulatory Manager

Jan. 11, 2001






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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268			Product  Success*		
Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 61	Product Identity and Composition	44159301	62719	own	
Series 62	Analytical Methods to Verify Certified Limits	44159302	62719	own	
Series 63	Physical and Chemical Characteristics	44159303	62719	own	
830.6317	Storage Stability	44597706	62719	own	
830.6320	Corrosion Characteristics	44597706	62719	own	
830.6317	Storage Stability	44972901	62719	own	
830.6320	Corrosion Characteristics	44972901	62719	own	
N/A	N/A	44214901	62719	own	
N/A	N/A	44214904	62719	own	
81-1	Acute Oral Toxicity	43414509	62719	own	
81-1	Acute Oral Toxicity	44597726	62719	own	
81-2	Acute Dermal Toxicity	43414510	62719	own	
81-2	Acute Dermal Toxicity	44159304	62719	own	
81-2	Acute Dermal Toxicity	44597727	62719	own	
81-3	Acute Inhalation Toxicity	43414511	62719	own	
Signature 			Name and Title John J. Jachetta, Ph.D./Regulatory Manager		Date Nov. 1, 2000






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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268			Product Success*		
Ingredient Spinosad			*Trademark of Dow AgroSciences LLC		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-4	Primary Eye Irritation	43414512	62719	own	
81-4	Primary Eye Irritation	44597728	62719	own	
81-5	Primary Dermal Irritation	43414513	62719	own	
81-5	Primary Dermal Irritation	44597729	62719	own	
81-6	Dermal Sensitization	43414514	62719	own	
81-6	Dermal Sensitization	44597730	62719	own	
71-1	Avian Oral LD50	43414528	62719	own	
71-1	Avian Oral LD50	43414529	62719	own	
71-1	Avian Oral LD50	43571201	62719	own	
71-2	Avian Dietary LC50	43414530	62719	own	
71-2	Avian Dietary LC50	43414531	62719	own	
71-4(a)	Avian Reproductive Toxicity in Bobwhite Quail	43414533	62719	own	
71-4(b)	Avian Reproductive Toxicity in Mallard Duck	43414532	62719	own	
72-1	Freshwater Fish LC50	43444103	62719	own	
72-1	Freshwater Fish LC50	43414534	62719	own	
Signature 			Name and Title John J. Jachetta, Ph.D./Regulatory Manager		Date Nov. 1, 2000





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Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad \*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
72-1	Freshwater Fish LC50	43770703	62719	own	
72-2	Acute LC50 Freshwater Invertebrate	43414537	62719	own	
72-2	Acute LC50 Freshwater Invertebrate	43571202	62719	own	
72-2(c)	Aquatic Invertebrate Acute Toxicity	44597731	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43414539	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43444104	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43414540	62719	own	
72-3	Acute LC50 Estuarine and Marine Organisms	43571203	62719	own	
72-4	Early Life Stage in Fish	43414541	62719	own	
72-4	Early Life Stage in Fish	43848801	62719	own	
72-4(a)	Early Life Stage in Fish	44420601	62719	own	
72-4(b)	Life Cycle in Aquatic Invertebrates	44420602	62719	own	
72-6	Aquatic Organism Accumulation Study	44597734	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	43478105	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date Nov. 1, 2000
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	43477901	62719	own	
N/A	N/A	43848803	62719	own	
N/A	N/A	43918401	62719	own	
81-8	Acute Neurotoxicity in the Rat	43557501	62719	own	
82-1	90-Day Feeding Study	43444102	62719	own	
82-1	90-Day Feeding Study	43566601	62719	own	
82-1	90-Day Feeding Study	43566602	62719	own	
82-1	90-Day Feeding Study	43557502	62719	own	
82-2	21-Day Dermal	43557503	62719	own	
82-2	21-Day Dermal	43701502	62719	own	
82-7	13-Week Dietary/Neurotoxicity in Rats	43557504	62719	own	
83-1	Chronic Feeding	43701503	62719	own	
83-1	Chronic Feeding	43701504	62719	own	
83-2	Oncogenicity	43701505	62719	own	
83-2	Oncogenicity	44123601	62719	own	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
83-3(a)	Teratogenicity	43557505	62719	own	
83-3(b)	Teratogenicity	43414521	62719	own	
83-4	2-Generation Reproduciton Study in the Rat	43701506	62719	own	
83-5	Chronic Feeding Oncogenicity in the Rat	43701507	62719	own	
84-2	Gene Mutagenicity	43414522	62719	own	
84-2	Gene Mutagenicity	43414523	62719	own	
84-2	Gene Mutagenicity	43414524	62719	own	
84-4	Other Genotoxic Effects	43414524	62719	own	
84-2	Gene Mutagenicity	43414525	62719	own	
84-4	Other Genotoxic Effects	43414525	62719	own	
84-2	Gene Mutagenicity	43414526	62719	own	
84-4	Other Genotoxic Effects	43414526	62719	own	
85-1	General Metabolism	43701508	62719	own	
85-1	General Metabolism	43701509	62719	own	
85-1	General Metabolism	43701510	62719	own	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	43478106	62719	own	
N/A	N/A	43701511	62719	own	
N/A	N/A	43701501	62719	own	
N/A	N/A	43770702	62719	own	
N/A	N/A	43478103	62719	own	
N/A	N/A	43985201	62719	own	
122-1	Tier I Seed Germination and Seedling Emergence	43848802	62719	own	
122-1	Tier I Seed Germination and Seedling Emergence	44597732	62719	own	
122-2	Aquatic Plant Growth	43414542	62719	own	
123-2	Aquatic Plant Growth	43414546	62719	own	
123-2	Aquatic Plant Growth	43414544	62719	own	
123-2	Aquatic Plant Growth	43414545	62719	own	
123-2	Aquatic Plant Growth	43414543	62719	own	
141-1	Honey Bee Acute Contact (LD50)	43414547	62719	own	
141-2	Honey Bee Toxicity of Residues on Foliage	44420603	62719	own	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
141-2	Honey Bee Toxicity of Residues on Foliage	45007701	62719	own	
850.3040	Field Testing for Pollinators	45007702	62719	own	
141-5	Field Testing for Pollinators	45007703	62719	own	
141-5	Field Testing for Pollinators	45007704	62719	own	
143-1	Non-Target Insect Testing	43444105	62719	own	
143-2	Non-Target Insect Testing	43444105	62719	own	
N/A	N/A	43414548	62719	own	
161-1	Hydrolysis	43507301	62719	own	
161-2	Photodegradation in Water	43507302	62719	own	
161-3	Photodegradation on Soil	43507303	62719	own	
161-3	Photodegradation on Soil	44597733	62719	own	
162-1	Aerobic Soil Metabolism	43507304	62719	own	
162-3	Anaerobic Aquatic Metabolism	43507305	62719	own	
162-1	Aerobic Soil Metabolism	44420604	62719	own	
162-3	Anaerobic Aquatic Metabolism	44420604	62719	own	
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
162-1	Aerobic Soil Metabolism	43816601	62719	own	
162-3	Anaerobic Aquatic Metabolism	43816601	62719	own	
163-1	Leaching and Adsorption/Desorption	43816601	62719	own	
163-1	Leaching and Adsorption/Desorption	43507306	62719	own	
163-1	Leaching and Adsorption/Desorption	43816602	62719	own	
164-1	Soil Field Dissipation	43714301	62719	own	
164-1	Soil Field Dissipation	44045101	62719	own	
164-1	Soil Field Dissipation	44045102	62719	own	
164-1	Soil Field Dissipation	44045103	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045103	62719	own	
164-1	Soil Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045104	62719	own	
164-2	Aquatic Sediment Field Dissipation	44045105	62719	own	
165-4	Fish Accumulation	43557601	62719	own	
165-4	Fish Accumulation	44597734	62719	own	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	43478104	62719	own	
N/A	N/A	43816603	62719	own	
N/A	N/A	44597735	62719	own	
N/A	N/A	44597736	62719	own	
N/A	N/A	44597737	62719	own	
165-1	Confined Rotational Crop	43727402	62719	own	
171-4(a)	Nature of Residue in Plants	43727403	62719	own	
171-4(a)	Nature of Residue in Plants	43727404	62719	own	
171-4(a)	Nature of Residue in Plants	44058811	62719	own	
171-4(a)	Nature of Residue in Plants	44058812	62719	own	
171-4(a)	Nature of Residue in Plants	44058813	62719	own	
171-4(a)	Nature of Residue in Plants	44058814	62719	own	
171-4(a)	Nature of Residue in Plants	44058815	62719	own	
171-4(b)	Nature of Residue in Livestock	43727405	62719	own	
171-4(b)	Nature of Residue in Livestock	43727406	62719	own	
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	43727407	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058816	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058818	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058817	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44058819	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44159306	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44159305	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44214902	62719	own	
171-4(c)	Residue Analytical Method (Plants)	Admin	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323502	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323503	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323504	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323505	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323506	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44323507	62719	own	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(c)	Residue Analytical Method (Plants)	44323508	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44444402	62719	own	
860.1340	Residue Analytical Method (Plants)	44597709	62719	own	
860.1340	Residue Analytical Method (Plants)	44597710	62719	own	
860.1340	Residue Analytical Method (Plants)	44597708	62719	own	
171-4(c)	Residue Analytical Method (Plants)	43727408	62719	own	
171-4(d)	Residue Analytical Method (Animals)	43727408	62719	own	
171-4(c)	Residue Analytical Method (Plants)	44045106	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44045106	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058820	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058821	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058822	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44058823	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44597713	62719	own	
171-4(d)	Residue Analytical Method (Animals)	44597714	62719	own	
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Residue Analytical Method (Animals)	44693601	62719	own	
171-4(e)	Storage Stability	44058824	62719	own	
171-4(e)	Storage Stability	44058825	62719	own	
171-4(e)	Storage Stability	44159307	62719	own	
171-4(e)	Storage Stability	44323509	62719	own	
171-4(e)	Storage Stability	44323510	62719	own	
860.1380	Storage Stability	44597711	62719	own	
860.1380	Storage Stability	44597712	62719	own	
171-4(j)	Magnitude of Residue in Meat/Milk/Poultry/Eggs	44058826	62719	own	
860.1480	Magnitude of Residue in Meat/Milk/Poultry/Eggs	44597715	62719	own	
171-4(k)	Crop Field Trials	43727410	62719	own	
171-4(k)	Crop Field Trials	44058827	62719	own	
171-4(k)	Crop Field Trials	44058828	62719	own	
171-4(k)	Crop Field Trials	44159308	62719	own	
171-4(k)	Crop Field Trials	44159309	62719	own	

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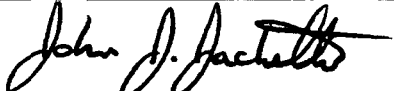
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4(k)	Crop Field Trials	44214903	62719	own	
171-4(k)	Crop Field Trials	44323511	62719	own	
171-4(k)	Crop Field Trials	44323512	62719	own	
171-4(k)	Crop Field Trials	44323513	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44323513	62719	own	
860.1500	Crop Field Trials	44444403	62719	own	
860.1500	Crop Field Trials	44597717	62719	own	
860.1500	Crop Field Trials	44597716	62719	own	
860.1500	Crop Field Trials	44597719	62719	own	
860.1500	Crop Field Trials	44597718	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	43727411	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44058829	62719	own	
171-4(l)	Magnitude of Residue in Processed Food/Feed	44159310	62719	own	
171-4	Residue of Analytical Method	43727409	62719	own	
171-4	Residue of Analytical Method	44058810	62719	own	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-5	Reduction of Residues	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-5	Reduction of Residues	44444404	62719	own	
171-6	Proposed Tolerance	44444404	62719	own	
171-7	Reasonable Grounds in Support of Petition	44444404	62719	own	
171-5	Reduction of Residues	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	

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Date November 1, 2000	EPA Reg No./File Symbol 62719- 292	Page 15 of 16
Applicant's/Registrant's Name & Address Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268	Product Success*	

Ingredient Spinosad

\*Trademark of Dow AgroSciences LLC

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
171-6	Proposed Tolerance	Admin	62719	own	
860.1550	Proposed Tolerance	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	Admin	62719	own	
171-7	Reasonable Grounds in Support of Petition	44058830	62719	own	
N/A	N/A	43727401	62719	own	
N/A	N/A	44058831	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	44444401	62719	own	
N/A	N/A	44597701	62719	own	
N/A	N/A	44597703	62719	own	

Signature

Name and Title

John J. Jachetta, Ph.D./Regulatory Manager

Date

Nov. 1, 2000



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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Ingredient Spinosad

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
N/A	N/A	44597704	62719	own	
Series 875	Occupational and Residential Exposure	44828401	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	Admin	62719	own	
N/A	N/A	44189401	62719	own	
N/A	N/A	44323501	62719	own	
N/A	N/A	44347001	62719	own	
N/A	N/A	44597702	62719	own	
N/A	N/A	44596201	62719	own	
N/A	N/A	44828402	62719	own	
N/A	N/A	44828403	62719	own	

Signature 	Name and Title John J. Jachetta, Ph.D./Regulatory Manager	Date Nov. 1, 2000
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